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62,35

# Sterling Quality Seeds



1918

ALLEN, STERLING & LOTHROP  
49 Exchange St. 64 Market St.  
PORTLAND ME.

## Information and Suggestions to Customers

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WING to the extraordinary conditions now prevailing—**prices in this catalogue are subject to immediate change without notice.** Prices will not be advanced, however, unless the replenishing of stock at a higher cost, makes it absolutely necessary.

Of one fact our customers can be assured whatever the condition—and that is, that **the quality of our seeds will be maintained**, not sacrificed to make a low or popular price.

### *Caution*

¶ "Sterling Quality" Seeds are the highest grade obtainable and intended for the particular market gardener, florist and individual. **We do not sell to dealers.** "Sterling Quality" Seeds can be procured only directly from us.

### *Free Delivery*

¶ We deliver "Sterling Quality" flower and vegetable seeds **free** to any address in the United States when purchased by the **packet, ounce, half pound and pound.**

### *Orders*

¶ Should be written on our order sheet or on a blank sheet separate from letter, preferably in ink. **Be sure to sign your name and give your address.**

### *Remittances*

¶ Can be safely sent by Bank Check, Post Office Order, Registered Letter or Express Money Order. Postage Stamp remittances taken in amounts less than \$1.00.

### *New Customers*

¶ Will kindly remit the amount with their orders, or name business references, as customary before opening new accounts.

### *Market Gardeners*

¶ **Farmers' Clubs and Institutions** purchasing Seeds in large quantities should write for special prices. Send a list of quantities and varieties required and we will return list promptly with quotations.

### *No Charge for Packing*

¶ But bags billed at cost. If returned in good condition free of expense, they will be credited at price charged.

### *Telephone Orders*

¶ Will be given immediate attention. Call Portland 624. 625.

### *Non-Warranty*

¶ There are many contingencies constantly arising to prevent the best seeds from giving satisfaction. We aim to supply only the best quality of seeds and to be as represented; but it is impossible to guarantee seeds under all circumstances. We give no warranty, expressed or implied, as to description, quality or productiveness of any seeds, bulbs or plants, and will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

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**ALLEN, STERLING & LOTHROP**  
**PORTLAND, MAINE**

For Index of the Contents of this Catalogue  
See Page 80

Parcel Post Information  
See Back Cover





## ORDER SHEET

FOR

# "STERLING QUALITY" SEEDS

FROM

## ALLEN, STERLING & LOTHROP

49 EXCHANGE STREET

64 MARKET STREET

: PORTLAND, MAINE

Amount Enclosed

Date

Name

P.O. Address


Street or

R. F. D.

State

Express or Freight Station

(If different from P. O.)

 We give no warranty, expressed or implied, as to purity, description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Quantity

NAME OF SEEDS

\$

Cts.

From

# Allen, Sterling & Lothrop

## "Sterling Quality" Seeds



# PORTLAND

49 EXCHANGE ST.

# MAINE

Amount Carried Forward,

Quantity

NAME OF SEEDS

\$

Cts.

Amount Brought Forward,

## Post Office Department

THIRD ASSISTANT POSTMASTER GENERAL

DIVISION OF MONEY ORDERS

No. \_\_\_\_\_

Stamp of Issuing Office

The Postmaster  
will insert

DOLLARS	CENTS

here \_\_\_\_\_  
 the office drawn on, when the office named by  
 the remitter in the body of this application is not a Money Order Office.

Spaces above this line are for the Postmaster's record, to be filled in by him.

## Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary,  
 by another person for him

Amount

\_\_\_\_\_ Dollars \_\_\_\_\_ Cents

Pay to }  
 Order of }

(Name of person or firm for whom order is intended)

Whose }  
 Address }  
 is }

No. \_\_\_\_\_ Street \_\_\_\_\_

Post }  
 Office }

State \_\_\_\_\_

Sent by \_\_\_\_\_

(Name of Sender)

Address }  
 of }  
 sender }

No. \_\_\_\_\_ Street \_\_\_\_\_

**PURCHASER MUST SEND ORDER AND COUPON TO PAYEE**

# Fees for Money Orders drawn on Domestic Form

Payable in the United States (which includes Guam, Hawaii, Porto Rico and Tutuila, Samoa); or payable in Bermuda, British Guiana, British Honduras, Canada, Canal Zone (Isthmus of Panama), Cuba, Newfoundland, at the United States Postal Agency at Shanghai (China), in the Philippine Islands, or the following islands in the West Indies: Antigua, Bahamas, Barbados, Dominica, Grenada, Jamaica, Martinique, Montserrat, Nevis, St. Kitts, St. Lucia, St. Vincent, Trinidad and Tobago, and Virgin Islands.

For Orders From \$ 0.01 to \$ 2.50	..... 3 cents.
From \$ 2.51 to \$ 5.00	..... 5 cents.
From \$ 5.01 to \$ 10.00	..... 8 cents.
From \$10.01 to \$ 20.00	.....10 cents.
From \$20.01 to \$ 30.00	.....12 cents.
From \$30.01 to \$ 40.00	.....15 cents.
From \$40.01 to \$ 50.00	.....18 cents.
From \$50.01 to \$ 60.00	.....20 cents.
From \$60.01 to \$ 75.00	.....25 cents.
From \$75.01 to \$100.00	.....30 cents.

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## Memoranda of Issuing Postmaster:

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NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.

(Edition Feb., 1915.)

# 1918 Catalogue

OF

## “Sterling Quality” Seeds

(GARDEN, FIELD AND FLOWER)

Louden Barn Equipment, Separators, Mechanical Milkers,  
Farm and Garden Tools, Poultry and Dairy Supplies,  
Plants, Bulbs, Fertilizers, etc., etc.

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### *To Our Customers and Friends:*

The one point we must emphasize above all others this year is to **order early** to **avoid disappointment**.

It is only fair to acknowledge that there is an acute shortage of a great many varieties of seed. Just realize that America, from being an importer to the extent of 50% of its vegetable seeds, and 80% of its flower seeds before the war, must **now** not only furnish all its own supply but a large amount for export, as well. We know that, owing to this limited supply and the increased demand, a great many varieties will be entirely out of the market very early in the season.



Therefore, we are asking that you make up your order earlier than ever before—now—upon receipt of this catalogue, and we will endeavor to fill it completely with **Seeds that are clean and neatly packed—Seeds carefully tested—Seeds that are true to name—in fact, “Sterling Quality” Seeds, the highest grade obtainable.**

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## Allen, Sterling & Lothrop

49 Exchange Street and 64 Market Street  
Portland, Maine

# GENERAL LIST OF SELECT VEGETABLE SEEDS

WE PREPAY POSTAGE OR EXPRESS CHARGES ON ALL SEEDS ORDERED BY THE PACKET,  
OUNCE, QUARTER POUND OR POUNDS.

## ASPARAGUS

Sow the seeds thinly in April or May in rows one foot apart and one inch deep; when the plants are well up, thin to 3 or 4 inches apart in the rows.

The next season plant in rows 3 feet apart and 1 foot in the rows, covering the plants about 6 inches.

The soil should be thoroughly manured and trenched, at least 2 feet.

*One ounce will sow 50 feet of drill.*



ASPARAGUS

**Columbian Mammoth.** A large white variety of fine flavor. Pkt. 5c., oz. 10c., 2 oz. 15c.,  $\frac{1}{4}$  lb. 25c.

**Conover's Colossal.** A standard sort of large size and excellent quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c.

**Early Giant Argenteuil.** An early variety, being ten days earlier than the Palmetto, of larger size and superior flavor. One of the finest sorts in cultivation. Pkt. 5c., oz. 10c., 2 oz. 15c.,  $\frac{1}{4}$  lb. 30c.

**Palmetto.** A standard light green variety. Pkt. 5c., oz. 10c., 2 oz. 15c.,  $\frac{1}{4}$  lb. 20c.

## BEANS, Dwarf

Plant in light, warm soil in the spring, when danger from frost is past, in drills from 2 to 3 feet apart, covering about 2 inches deep. Sow every two weeks for a succession. Cultivate frequently until they blossom, but only when dry.

*One quart is sufficient for 100 feet of drill;  $\frac{1}{4}$  bu. for 1 acre.*

Pkts. 20c. each, prepaid. If other quantities are wanted by mail, add at the rate of 5c. per qt., half pks. and half bus. at pk. and bu. rates.

## BEANS, Green Podded

**Bountiful.** Early and prolific, flat green pods, cook tender. Pkt. 20c., pt. 35c., qt. 65c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.50.

**Burpee's Improved Bush Lima.** Compared with Burpee's Bush Lima, both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick and ready to market eight to ten days earlier. Pkt. 20c., pt. 35c., qt. 65c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.50.

**Goddard or Boston Favorite.** Fine shell bean. Pods and beans similar in color, larger and longer than the Dwarf Horticultural. Very prolific. Pkt. 20c., pt. 35c., qt. 65c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.50.

## FRENCH HORTICULTURAL DWARF.

This is a bean of the Horticultural type. Pods remarkably large, many containing seven beans, beautifully splashed with bright crimson. Never spots or rusts. The vines are vigorous and productive, inclined to send out runners, but do not affect the bean in any way. Very popular with market gardeners. Pkt. 25 cts., pt. 40 cts., qt. 75 cts.,  $\frac{1}{2}$  pk. \$2.50, pk. \$4.50.

**Dwarf Horticultural.** A fine shell bean with long green pods, very productive. Pkt. 20c., pt. 35c., qt. 65c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.50.

**Burpee's Stringless Green Pod.** Combines unusual hardness, extreme earliness and wonderful productiveness. The pods are tender, brittle and of the finest flavor; always entirely stringless. Pkt. 20c., pt. 35c., qt. 65c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.50.

**Keeney's Stringless Green Refugee.** The plant grows to a large size and is very productive. The pods are round, 5 to 6 inches long, medium green in color and are perfectly stringless at all stages of development, even when the beans are old enough to shell. Pkt. 20c., pt. 35c., qt. 65c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.50.

**Long Yellow Six Weeks.** A leading market sort, long green pod. Pkt. 20c., pt. 35c., qt. 65c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.50.

**Low's Champion.** Very early, absolutely stringless, exquisite flavor, very productive. One of the finest snap beans, an excellent shell bean, and is of splendid flavor when cooked dry. Pkt. 20c., pt. 30c., qt. 50c.,  $\frac{1}{2}$  pk. \$2.00, pk. \$3.50.



LOW'S CHAMPION  
BUSH BEAN

**Red Kidney.** Fine for baking and a good shell bean. Price quoted on application.

**Golden California Pea.** The best sort for baking; a very hardy and prolific variety, having the richness and flavor not found in other varieties. Price quoted on application.

**Snowflake Pea.** The best small white pea bean, early and productive. Price quoted on application.

**Yellow-Eyed (Old-fashioned).** Very productive. Fine for baking, extensively grown as a dry bean for winter use. Price quoted on application.

**Yellow Eyed (Improved).** Price quoted on application.

SEND US YOUR MAIL ORDERS



SURE CROP STRINGLESS  
WAX BEANLONDON  
HORTICULTURAL  
POLE BEAN

## BEANS, Wax Podded (Dwarf)

**Black Wax, Pencil Pod.** Pods are long, pencil like tender and brittle. In color they are a rich, dark yellow hardy and productive. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.50, pk. \$5.00

**Burpee's Kidney Wax.** More productive than Wardwell's Kidney Wax; longer pods which are entirely stringless and are much finer quality. Free from blight and rust. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.50, pk. \$5.00.

**Improved Golden Wax.** An early, hardy variety, flat, golden-yellow pods. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.50, pk. \$5.00.

**Sure Crop Stringless Wax.** A wax-podded variety of remarkable growth and productiveness. Plants hardy and prolific; pods 7½ inches long and about ½ inch wide, of a rich yellow color, perfectly stringless, excellent for home and market gardens. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.50, pk. \$5.00.

**Wardwell's Kidney Wax.** A favorite variety bearing long, flat pods of excellent quality. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.50, pk. \$5.00.

KIDNEY WAX  
BEAN

## BROAD WINDSOR (English)

The largest and best sort, very hardy. Plant as early in the spring as the ground can be worked, from 2 to 4 inches apart, in drills 3 feet apart. Cover the seed about 4 inches. Pt. 20c., qt. 35c., ½ pk. \$1.10., pk. \$2.00.

## BEANS, Pole

Plant in hills 4 feet apart, 4 or 5 beans to a hill. Poles should be firmly set before planting.

**Carmine Podded Horticultural.** Pods bright carmine. Both pods and beans are much larger than the London Horticultural. An excellent variety for the market or the home garden. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.25, pk. \$4.50.

**Horticultural, or Speckled Cranberry.** An old favorite, early and prolific; excellent quality either as a snap or shell bean or for cooking dry. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.25, pk. \$4.50.

**Kentucky Wonder, or Old Homestead.** A long, green podded variety, very prolific and of fine quality. Pkt. 20c., pt. 35c., qt. 60c., pk. \$4.50.

**Large White Lima.** A very popular variety. Beans are large and tender and of excellent flavor. Pkt. 20c., qt. 60c., ½ pk. \$2.25, pk. \$4.50.

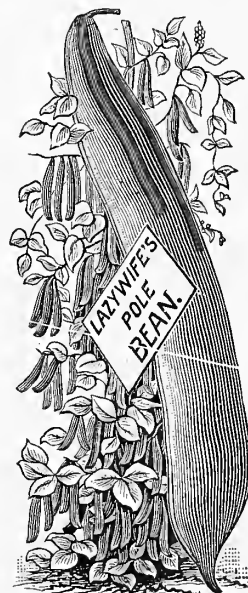
**Small White Lima.** Early and hardy. Beans small, good quality. Pkt. 20c., qt. 60c., ½ pk. \$2.25, pk. \$4.50.

**Lazy Wife's.** Beans white; pods green, very thick, meaty, entirely stringless; very productive. Pkt. 20c., pt. 35c., qt. 70c., ½ pk. \$2.50, pk. \$5.00.

**Red Cranberry.** The pods are green, large and tender; one of the best snap beans. Pkt. 20c., pt. 40c., qt. 70c.

**Scarlet Runner.** An ornamental climber with bright scarlet flowers. ½ pt. 20c., pt. 30c., qt. 50c., ½ pk. \$1.75.

**White Runner.** Similar to the Scarlet Runner, flowers being white. ½ pt. 20c., pt. 30c., qt. 50c., ½ pk. \$1.75.



"STERLING QUALITY" SEEDS MEAN THE BEST



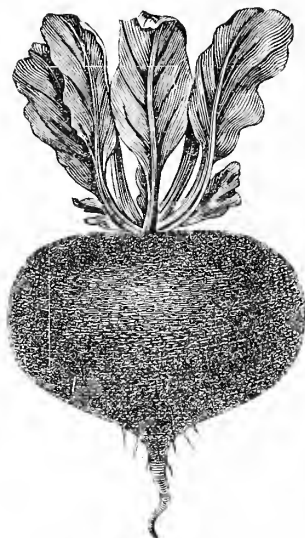
## BEET

Sow as early in the spring as the ground can be worked. For succession sow at intervals until the first of July. The soil should be well enriched with stable manure and plowed and harrowed until very fine. Sow in drills 15 inches apart and cover one inch. When well up thin out to 4 inches apart in the rows.

*One ounce to fifty feet of drill; six pounds to the acre.*

### EARLY WONDER.

A fine early variety, the market gardener's favorite on account of its symmetrical form, dark color, small top and early maturity. We buy our seed of the originator. Pkt. 10c., oz. 20c., 2 oz. 35c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.



EDMAND'S BLOOD BEET

**Crosby's Egyptian.** The roots are flattened, globe shaped and very smooth. Exterior color of root bright red. The flesh is bright vermillion red, zoned with a lighter shade, very sweet, tender and of excellent quality. Pkt. 5c., oz. 15c., 2 oz. 25c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Detroit Dark Red.** The best beet for the market and home garden. Tops small, upright in growth. Root medium-sized, globular or nearly round, very smooth, and of dark blood red color. Very desirable for bunching. Uniform in growth and unsurpassed in quality. Pkt. 5c., oz. 15c., 2 oz. 30c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Edmand's Blood Turnip.** A medium early sort, deep red, popular with market gardeners. Our seed is grown from selected roots saved for seed. Pkt. 5c., oz. 15c., 2 oz. 25c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Crimson Globe.** Second early, globe shape and deep crimson flesh. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

## Swiss Chard or Spinach Beet

The leaves are used as greens and served like spinach. The mid-ribs may be cooked like asparagus. Cuttings may be used all summer, as it can be cut down to the ground and new shoots will soon spring up and make fast growth.

**Lucullus.** The largest and best. Pkt. 5c., oz. 15c., 2 oz. 30c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

## Sugar Beets

Sow 6 lbs. to acre. Sow in May or June in drills 2 inches deep, about 2 feet apart; thin out to 10 inches apart.

### Giant Feeding Sugar Beet, or Half Sugar Mangel.

A strain of beets very desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having a higher nutritive value, being especially rich in sugar. Roots light bronze green above ground, grayish white below, with white flesh. On account of growing\* partly out of the ground and the long ovoid shape, the crop can be harvested and stored easily and at less expense than any other root crop. Oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.



GIANT FEEDING SUGAR BEET, OR  
HALF SUGAR MANGEL

**Lane's Imperial Sugar Beet.** A hardy and productive variety; flesh snow white. Oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

## Mangel Wurzel

**Mammoth Long Red.** This variety produces roots of mammoth size and is enormously productive. Yielding from thirty to forty tons per acre on well prepared land. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Kelway's "Best of All."** The largest and best of all yellow mangels. An improvement on all stocks of Yellow Mangels, one of the heaviest croppers and of very fine quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Golden Tankard.** Recommended for dairymen on account of its milk-producing properties. The flesh is a rich, golden yellow; very productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

# CABBAGE

The cabbage is an important crop and should be planted in fresh, rich soil, well manured and deeply dug or plowed. For early use sow in a hotbed in March, transplant to the open ground when danger from frost is past. Plant the early sorts about 18 inches in the rows and the late sorts about 2 feet in the rows and the rows about 3 feet apart. For the late crops sow in the open ground in June. Our cabbage seed is grown from selected stock and is equal to any offered in the market.

*One ounce will produce about 2,000 plants.*



COPENHAGEN MARKET CABBAGE

## COPENHAGEN MARKET.

An extra early variety; heads ball-shaped, large and solid, averaging in weight about 10 pounds. It will give perfect satisfaction both as to quality and yield, having few outside leaves. The plants can be set closer than most varieties. The most evenly-maturing and large-heading early cabbage in cultivation. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.50. lb. \$5.00.

**Early Jersey Wakefield.** A standard early market variety, conical in shape and good quality; heads uniform and solid. Pkt. 5c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.50.

**Henderson's Early Summer.** A popular second early sort, heads round, medium size very solid and compact. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Early Winningstadt.** A hardy sort, heads conical shape, solid. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Fottler's Improved Brunswick.** A fine summer or early fall variety, producing large, solid heads of fine quality with few outer leaves. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**All Seasons.** Large heads, round and very solid and sure heading; nearly as early as the Early Summer. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Succession.** A good second early cabbage; similar to All Seasons. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

## A. S. & L., CAPE ELIZABETH.

Heads hard, solid, tender and crisp. It is remarkable for its long-keeping qualities. One of the best shipping varieties. Crop failed.

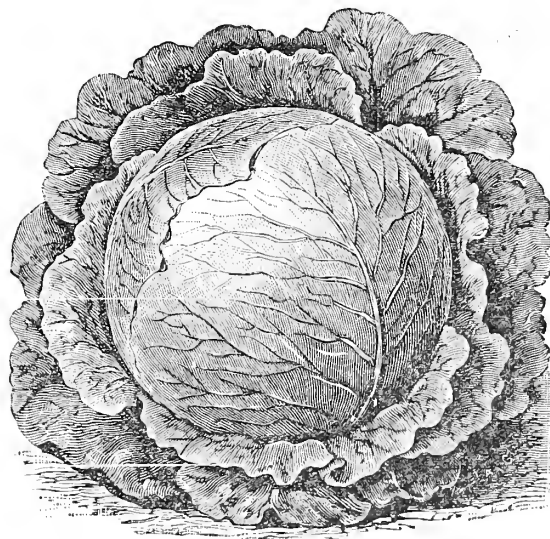
**Warren's Stone Mason.** An improvement on Stone Mason, round, medium-sized, solid heads, a good keeper. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

## DANISH BALL HEAD.

This variety produces large, round and compact heads. One of the best keepers; plants vigorous and hardy, resisting cold and dry weather. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Marblehead Mammoth.** The largest variety of Drum-heads. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Improved American Savoy.** Large, solid round heads, of superior quality, tender and good flavor, the best variety for family use. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.



DANISH BALL HEAD CABBAGE

## Red Danish Stone Head (New).

One of the largest and most solid and compact of the red varieties, sure heading and tender. Pkt 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c., 2 oz. 75c.,  $\frac{1}{4}$  lb. \$1.25.

**Mammoth Red Rock.** Heads dark red and solid, fine for pickling. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

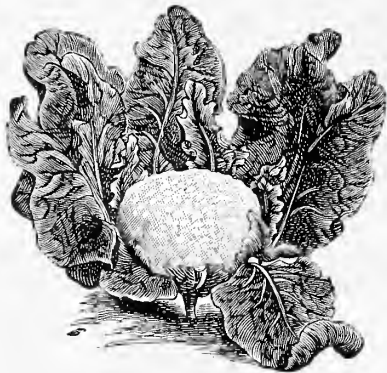
SEND US YOUR MAIL ORDERS



## CAULIFLOWER

The soil that will grow cabbage will grow cauliflower. It should be made richer and thoroughly worked before planting. For the early crop sow the seeds in a hotbed in February or March and transplant to cold frames 2 or 3 inches apart each way. They should be planted in the garden early in May. For the late cauliflower, plant in the open ground in June and transplant in July.

*One ounce will produce 2,000 plants.*



CAULIFLOWER

**Extra Early Dwarf Erfurt.** Of dwarf growth with large, snow-white heads of regular shape; good for forcing. Pkt. 15c.,  $\frac{1}{4}$  oz. 60c., oz. \$2.00.

**Earliest Dwarf Snowball.** The earliest cauliflower in cultivation, absolutely sure to head when conditions are ordinarily favorable. Plants are very dwarf and of compact growth, with large, firm, snow-white heads. Pkt. 15c.,  $\frac{1}{4}$  oz. 60c., oz. \$2.00.

**Thorburn's Gilt Edge.** Produces large, solid, white heads of finest quality. Pkt. 15c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.25

**Danish Giant or Dry Weather.** This variety is about two weeks later than the Snowball. It is of dwarf growth, producing large, hard and snow-white heads, fully protected by its foliage. Pkt. 15c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.25.

**Veitch's Autumn Giant.** A large, late sort. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

## CELERY

For early celery sow the seed of the self-blanching sorts in a hotbed early in the spring. As soon as the plants are 3 inches high, transplant into frames in well-enriched soil 4 inches apart. Cut them once or twice before setting them out in May or June to make them stocky. When about six inches high transplant into trenches wide enough to hold two rows. The rows should be about 1 foot apart and the plants set about 8 inches apart. For winter celery start the seeds in flats as for early, only a little later. As the plants grow they should be earthed up to blanch, taking care not to cover the center of the plant.

*One ounce of seed will produce about 4,000 plants*

**Paris Golden Self-Blanching.** (French grown, special gardeners' strain). The finest early celery grown, easily blanching and of excellent flavor, solid and crisp. Pkt. 10c.,  $\frac{1}{4}$  oz. 75c., oz. \$1.25,  $\frac{1}{4}$  lb. \$4.25.

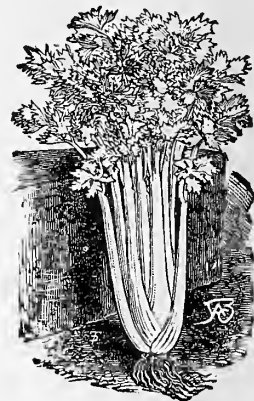
**Golden Self-Blanching.** Seed grown in California. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**White Plume.** A desirable early variety, requiring very little labor in blanching. Pkt. 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

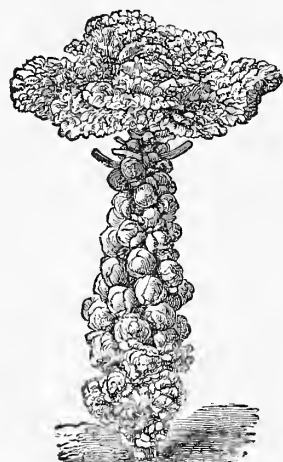
**Boston Market.** White, solid, crisp and tender, the best late variety. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Giant Pascal.** A tall-growing sort, blanches early and keeps well. Pkt. 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

**Soup Celery.** For flavoring. Oz. 5c.,  $\frac{1}{4}$  lb. 10c., lb. 30c.



PARIS GOLDEN  
SELF-BLANCHING CELERY



BRUSSELS SPROUTS

## Brussels Sprouts

Cultivate the same as cabbage. The sprouts resemble miniature cabbage and are very tender.

**Improved Dwarf.** A standard sort. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 75c.

**Improved Long Island.** The finest variety, very compact sprouts. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 75c.

## Broccoli

A vegetable much resembling cauliflower.

**White Cape.** The most desirable variety. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

Hardy perennial plants grown for their tops, which are used as a salad and for flavoring soups. Seed, per pkt. 10c., oz. 50c. Roots 15c. per bunch, 25c. by mail prepaid.

## Chives

## Chervil

An aromatic sweet herb used for flavoring and garnishing.

**Curled.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c.

## Chicory

The roots when dried and ground are used as a substitute for coffee; cultivation the same as the carrot.

**Large Rooted.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c.

## Cress or Peppergrass

Sow early in the spring on rich soil in drills 10 or 12 inches apart and make frequent sowings every two weeks. Cover seed about  $\frac{1}{4}$  inch.

**Extra Curled.** Fine flavor, may be cut several times. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c.

**Water Cress.** Sow in the spring near the margin of ponds or running streams. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

## CORN, Sweet

Plant in hills 3 to 4 feet apart each way, dropping 6 seeds in each hill, or in drills 3 to 4 feet apart. The seeds should be covered about 2 inches. In this climate Sweet Corn should not be planted before the middle of May. *One quart will plant 200 hills.*

**Pkts. 15c. each prepaid. If other quantities are wanted by mail, add at the rate of 5c. per quart; half pecks and half-bushels at peck and bushel rates.**

**Burpee's Golden Bantam.** Early, hardy and of the most delicious flavor; being of a dwarf growth, the stalks can be grown closely together in the row. Pkt. 15c., pt. 25c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.45, pk. \$2.75.

**Brigg's Improved Golden Bantam.** An excellent sort, ripening only a few days after Burpee's Golden Bantam. Ears medium size containing 8 to 12 rows of tender kernels of delicious quality. Pkt. 15c., pt. 25c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.45, pk. \$2.75.

**Early Mayflower.** This variety is extremely early. White cob, 10 to 14 rows. Ten days earlier than Cory. It is about the same size stalk as the Cory. Pkt. 15c., pt. 25c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.45, pk. \$2.75.

**Ellis-Crosby Extra Early.** An extra early and productive variety, ripening nearly as early as the Cory, growing very dwarf with ears set low, averaging from 16 to 20 rows; very sweet and tender. Desirable for both the market and private garden. The seed we offer was specially grown for us in New England for our retail trade. Pkt. 15c., pt. 25c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.45, pk. \$2.75.

**Early Crosby (Selected).** About ten days later than the Ellis-Crosby; largely used for canning. Pkt. 15c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$2.50.

**Peep-O'-Day.** Extra Early and sweet, 2 to 3 ears to the stalk. Pkt. 15c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.35, pk. \$2.50.

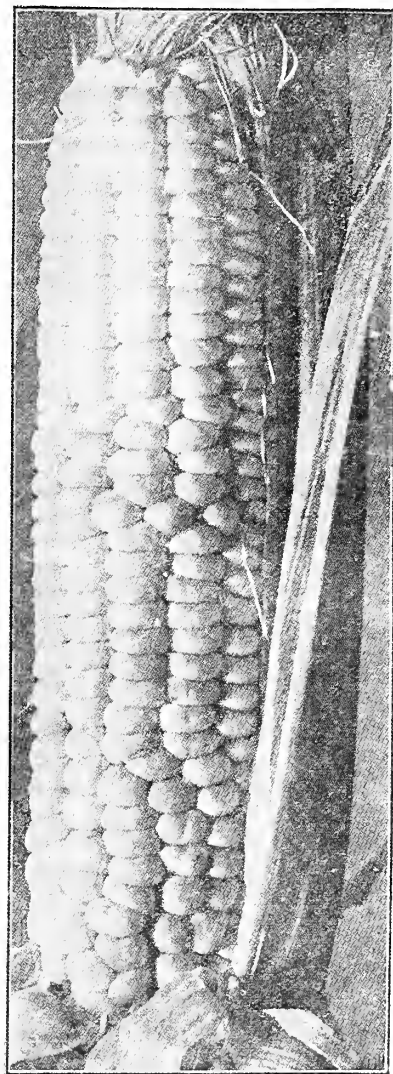
**Early Red Cory.** A popular early variety. Pkt. 15c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.30, pk. \$2.50.

**Early White Cory.** Differs from the above in color of cob. Pkt. 15c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.30, pk. \$2.50.

**Bantam Evergreen.** A cross between Stowell's Evergreen and Golden Bantam. Kernels are plump and full. The quality is very fine, being exceedingly sweet and tender. Ears 5 to 7 inches long. Pkt. 15c., pt. 30c., qt. 50c.,  $\frac{1}{2}$  pk. \$1.75, pk. \$3.00.

**Black Mexican.** Very sweet and tender, medium early. Pkt. 15c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.30, pk. \$2.50.

**Stowell's Evergreen.** A late standard sort of excellent quality. Pkt. 15c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.35, pk. \$2.50.



GOLDEN BANTAM CORN

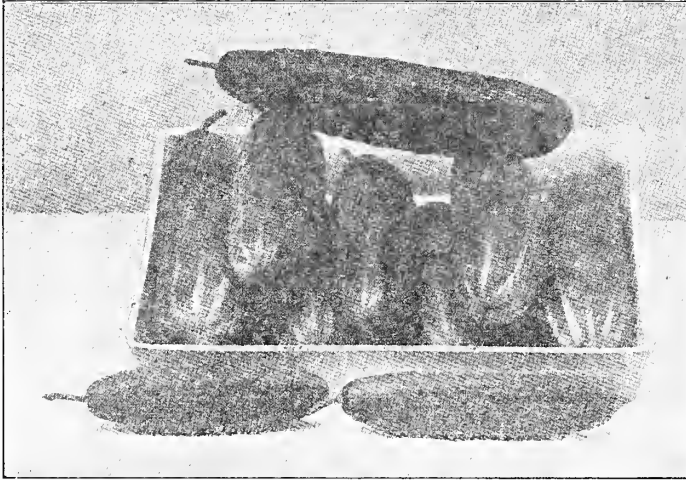
**Country Gentleman.** A large, late variety of excellent quality. Pkt. 15c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.35, pk. \$2.50.

**Morse's Golden Cream.** A cross between Country Gentleman and Golden Bantam, early, and prolific. The flavor is rich and delicious; seed, yellow. The habit of growth is rather dwarf, and the stalks bear 2 to 4 ears. Pkt. 15c., pt. 25c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.75.



# CUCUMBER

For general crop plant when the ground has become warm, in hills 4 feet apart each way. Thin out to 4 plants to each hill after all danger of insects is over. For very early cucumbers sow about April 1st, in a hotbed on a piece of sod, grass side down so that they can be easily transplanted to the open ground when danger of frost is over. *One ounce will plant fifty hills; two pounds will plant an acre.*



WOODS HYBRID CUCUMBER



IMPROVED WHITE SPINE CUCUMBER

**WOODS HYBRID.** The best type of slicing cucumber. The color, a rich dark green, is retained a long time after it is picked. The flesh is white, crisp and tender. It is early and prolific, and for home or market, it is far superior to other sorts. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00

**Boston Pickling.** This variety is largely planted for pickles. Fruit medium size, smooth, light green and very productive. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Cumberland.** Fine variety for pickling or slicing. Vines are of strong growth and prolific and continue in bearing a long time. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Davis Perfect.** For forcing or outdoors. The fruit is of fine form, of a rich dark green color, very few seeds, tender, brittle and of fine flavor. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Early Cluster.** An early sort growing in clusters. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Early Frame or Short Green.** A well-known variety used for slicing and pickling. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## ENGLISH FRAME CUCUMBERS

**Kelway's "Freedom".** An extraordinary cropper, and of first-rate quality; medium dark skin, 15 to 18 inches long. Per pkt. 25c.

**Improved White Spine.** One of the most popular varieties in cultivation. The fruit is light green with white spines, uniform in size and very productive. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Early Russian.** One of the earliest varieties, grows from 3 to 4 inches long. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Japanese Climbing.** A quick-growing sort, throwing out tendrils which enable them to climb poles or trellises. Fruit from 12 to 16 inches long. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Klondike.** A medium early cucumber of very dark green color and an excellent quality for slicing; vine very hardy and productive. The fruits, when mature, are about 8 inches long. Its uniform size and shape and splendid color make this variety very popular as a shipping sort. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Long Green.** An old standard variety. Fruit from 10 to 12 inches long, dark green and crisp. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**West India Gherkin.** A small prickly variety grown only for pickles. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Kelway's Extra Selected Telegraph.** A popular variety. Per pkt. 25c.

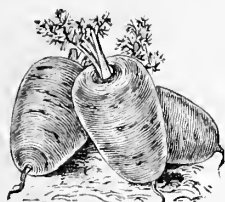
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ORDER EARLY TO AVOID DISAPPOINTMENT

## CARROT



OXHEART CARROT

Carrots do best in a good, light and rich soil. Sow in April or May for the early crop, and for the main crop sow in May or June in drills about  $\frac{1}{2}$  inch deep, in rows 14 inches apart, and thin plants to 3 or 4 inches in the rows. *One ounce to 100 feet of drill; four pounds to an acre.*

**Early Scarlet Forcing.** The earliest variety for forcing, small round roots and excellent flavor. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Early Scarlet Horn.** A favorite early variety, of fine flavor and excellent for the table. Roots grow about three inches long. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Danvers' Half-Long.** The best sort for the main crop, dark orange color, growing very smooth, yielding large crops, and is a splendid keeper; roots medium length, tapering uniformly to a blunt point. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Danvers' Half-Long.** Special Market Gardeners' Strain. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Wood's Selected Danvers' Half-Long.** A superior strain of seed. Grow to a large size, small tap root and of the finest quality. Color a rich orange. Length, 8 to 10 in. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00., lb. \$3.00.

**Chantenay.** A medium early, half-long variety. The flesh is crisp and tender. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Improved Long Orange.** Deep orange color, roots of large size and a good keeper. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Guerande or Oxheart.** Medium early roots, short and thick. The flesh is bright orange, fine grained and tender. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Large White Belgian.** Very productive and largely used for feeding stock. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## DANDELION

One of the earliest and most popular of spring greens. Sow in May in drills 12 inches apart; cover the seed  $\frac{1}{4}$  of an inch deep. The following spring the plants will be ready for cutting.

*One ounce for 200 feet of drill.*



DANDELION

**Improved Thick-Leaved.** A carefully selected strain; popular with market gardeners. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

## Kale

Sow from May to June, broadcast or in drills, cover  $\frac{1}{2}$  inch, cultivate the same as cabbage.

*One ounce to 150 feet of drill.*

**Dwarf Green Curled Scotch.** A fine, low-growing variety, the leaves densely crimped and curled; very hardy and productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

## Kohl Rabi

Seed should be sown in drills as early in the spring as possible. When well established, thin to 6 inches apart. The bulb grows entirely out of the ground.

**Early White Vienna.** A very early sort, excellent quality, flesh white and tender. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Early Purple.** Similar to the above except in color. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

"STERLING QUALITY" SEEDS MEANS THE BEST

## Egg Plant

Sow the seeds in hotbeds very early in the spring and transplant when about three inches high into small pots or another hotbed. Do not plant out in the open ground until the weather has become warm and settled.

*One ounce will produce about 1,000 plants.*

**New York Improved Purple.** This variety produces fruit of large size, nearly round, dark purple and excellent quality. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Black Beauty.** A valuable early sort, about ten days earlier than the New York Improved; color a rich purplish black. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

## Endive

For early use sow as early in the spring as the ground can be worked in drills 15 inches apart. Transplant to 1 foot each way. When full grown tie the outer leaves at the top to blanch them.

*One ounce will produce 2,000 plants.*

**Green Curled.** A standard sort for fall and winter. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**White Curled.** A fine, white, curled variety, self-blanching. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Broad-Leaved Batavian.** A variety growing very compact, very tender and of fine flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**French Endive (Witloof Chicory).** Plant the seed in drills 10 inches apart, in deep, rich soil. Thin to six inches apart. One of the finest winter salads grown. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

## LEEK

Plant in the spring in a light, well-enriched soil in drills 1 foot apart. Cover the seed about 1 inch and thin to 9 inches apart in the drills. Draw earth up to them as they grow.

*One ounce of seed to 150 feet of drill.*

**American Broad Flag.** A strong-growing sort with broad leaves. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Musselburgh.** This variety grows to a large size, blanches well and is of superior flavor. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

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## LETTUCE



TENNIS BALL LETTUCE

For summer use the seed can be sown in hot beds in March. Transplant when the weather will permit in rows 12 inches apart and 8 inches apart in the rows. For a succession sow in the open ground every two weeks until fall. Lettuce requires a rich and a rather moist soil. The more rapid the growth, the better the quality.

*One ounce of seed will produce about 3,000 plants.*

**Big Boston.** Fine for forcing or open-ground planting; large, solid heads. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Boston Curled.** Leaves beautifully curled, very attractive on table. Pkt 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Brown Dutch.** An early sort with loose heads tinged with brown. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Crisp as Ice.** Large, solid heads, yellow heart, outside dark green and bronze. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c.

**Early Curled Simpson.** Very early, forms a close, compact mass of leaves. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Giant White Crystal.** Solid head, excellent quality, crimped. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Grand Rapids.** A very popular variety, leaves crimped, very attractive, matures quickly; the heads are dark green, very crisp and tender. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Hanson.** A large, solid variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Hittinger's Belmont Forcing.** Heads of larger size than the White-Seeded Tennis Ball, nearly as early and of crisp and tender quality; a superior forcing variety. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Mammoth Black Seeded Butter.** The largest and best variety for the late crop. Forms a very large head of the finest quality. Pkt. 5c., oz. 15c., 2 oz. 25c.,  $\frac{1}{4}$  lb. 40c.

**Market Gardener's Private Stock.** A strain of Black-Seeded Tennis Ball, very desirable for hot bed culture in winter and for withstanding heat in summer. A light green, cabbage sort, forming hard heads. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**May King.** Large, round, solid heads, one of the best varieties for planting in open ground. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Mignonette.** Small, solid, compact, creamy yellow heads; leaves russet colored; very early and hardy, splendid quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**New York or Wonderful.** The largest head lettuce, crisp and tender. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Tennis Ball, Black Seeded.** A favorite variety for outdoor crop; forms close, hard heads that are crisp and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Tennis Ball, White Seeded.** A well-known forcing variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

### Romaine or Cos Varieties

**Paris White Cos.** An early sort with long, narrow leaves. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c.

**Trianon, Self-Folding Cos.** Requires no tying to blanch, very crisp and tender. Pkt. 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

## MUSK MELON

Melons succeed best in light, sandy, rich soil. After all danger of frost is past plant in hills 4 to 6 feet apart each way, six to ten seeds to a hill. When about 3 inches high and all danger from insects is past thin out to 3 or 4 plants to a hill.

*One ounce to 60 hills; two to three pounds to an acre.*

**Burrell's Gem.** Dark salmon flesh, delicious flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Emerald Gem.** Fruit of medium size, very early and of fine flavor; flesh deep orange. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Long Yellow.** Very large, slightly ribbed and thickly netted; flesh salmon-yellow and sweet. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Miller's Cream or Osage.** Most delicious flavor, flesh salmon color, very thick and finely netted. Pkt 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Montreal Market.** A large-fruited variety, nearly round; skin dark green, heavily netted; flesh light green. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

**Rockyford.** A popular market variety. The fruit is oval, medium size, finely netted; flesh light green and very sweet. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

## WATER MELON

Plant in hills about 8 feet apart and cultivate the same as for Musk Melon.

*One ounce for 30 hills; four pounds for one acre.*

**Cole's Early.** One of the best early varieties, medium size, nearly round, flesh dark red and excellent quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**Fordhook Early.** Very early, good size, color medium green, flesh red and of good quality. Pkt 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**Mountain Sweet.** An old variety, flesh red. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**Phinney's Early.** Early and productive, flesh red. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**Citron.** Used for preserves; white flesh, hardy and productive. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

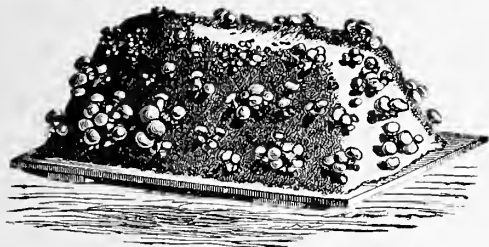
## Martynia

The seed pods which are produced in great abundance are gathered when young and tender for pickling. Sow in the open ground in May, 3 feet apart each way.

**Proboscidea.** The most productive variety. Pkt 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.



## Mushroom Spawn



Mushrooms can be grown in cellars, in sheds, or in hotbeds where a temperature of 50 to 70 degrees is easily maintained.

**English Spawn.** In bricks 20c. per lb., 6 lbs. for \$1.00. If wanted by mail, add 10 cents per lb.

Books on Growing Mushrooms. Robinson's Book 50c., Falconer's Book \$1.00 postpaid.

## MUSTARD

Sow thickly in early spring in shallow drills or in boxes during the winter. Successive sowings may be made every ten days.

*One ounce will sow about 75 feet of drill.*

**Black or Brown.** Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 60c.

**Chinese.** Leaves twice the size of the ordinary White Mustard, which are curled and eaten boiled like spinach. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

**White London.** The best for salads and flavoring. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 60c.

## Okra

Sow the seeds late in the spring after the ground has become warm in rows about 3 feet apart, 1 inch deep, thinning out to about 9 inches apart in the rows.

**Improved Dwarf Green.** Very productive, long green pods. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**White Velvet.** Large pods, smooth and free from ridges. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

## Pepper

Sow the seeds in hotbeds early in April. Transplant when 2 or 3 inches high to 3 inches apart. Transplant to the open ground about the first of June, in rows 2 feet apart and 18 inches apart in the rows. The soil should be rich and mellow.

*One ounce will produce about 2,000 plants.*

**Large Bell or Bull Nose.** Large and of mild flavor, largely used for pickling. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Long Red Cayenne.** Bright red, long, slender pods, very pungent. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Red Cherry.** Small, round variety, bright scarlet fruit. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Red Chili.** Used for seasoning and for making pepper sauce. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Squash or Tomato-Shaped.** Fruit medium size, early and productive. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Sweet Mountain.** The fruit is very large and smooth, flesh very tender and mild flavored. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

PRICE IS SECONDARY TO QUALITY

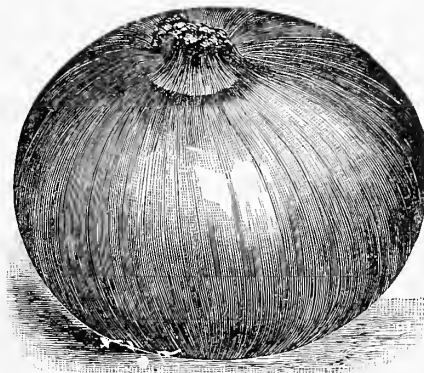
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## ONION

Sow the seeds as early in the spring as the ground can be worked in drills about 1 foot apart and cover about  $\frac{1}{2}$  inch. Thin plants to stand from 2 to 3 inches apart in the drills. The soil should be made very rich and kept free from weeds.

*One ounce to 100 feet of drill; five pounds to the acre.*

**Danvers Yellow Globe.** The most profitable variety to grow, producing bulbs of globular form which ripen early and uniformly, producing large crops. The seed we offer was grown in New England from selected bulbs by a reliable grower of long experience. We cannot recommend this strain of seed too highly, not only on account of its great yield but also of its superior keeping qualities. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.25.



DANVERS' YELLOW GLOBE ONION

**Extra Early Red Flat.** About ten days earlier than the Red Wethersfield, medium size and a good keeper. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Large Red Wethersfield.** The standard red, flat variety, large size, skin deep purplish red, a good keeper. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**New Queen.** A pure white variety of rapid growth; fine for pickling. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.15, lb. \$4.25.

**Prizetaker.** The largest yellow onion, flesh white and of mild flavor. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.15, lb. \$4.25.

**White Portugal.** One of the best white sorts; bulbs mature early, very mild flavor, the best to grow for sets. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.15, lb. \$4.25.



**Onion Sets (Rc-cleaned).** Onion Sets should be planted as early in the spring as the ground is dry enough to work, in rows 12 inches apart and 2 to 4 inches apart in the rows.

Add 10c. per quart if sent by mail.

**White Sets.** Qt. 30c.,  $\frac{1}{2}$  pk. 90c., pk. \$1.75.

**Yellow Sets.** Qt. 30c.,  $\frac{1}{2}$  pk. 90c., pk. \$1.75

**Potato Onion Sets.** Qt. 35c., pk. \$2.00.

*For larger quantities prices will be quoted on application.*

## PUMPKIN

Same cultivation as for squash.  
One ounce will plant 20 hills; one pound will plant 250 hills.



SUGAR PUMPKIN

**Connecticut Field.** Very productive, usually grown in fields with corn for feeding stock. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Large Cheese.** A flat, yellow sort, very hardy and productive. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Mammoth Tours.** Very large size, oblong in shape, largely used for feeding stock. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Small Sugar.** Very sweet and fine grained, a good keeper, best sort for family use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## PARSLEY

Soak the seeds a few hours in lukewarm water and sow early in the spring in rich soil in drills one foot apart; thin out the plants to 4 inches apart in the rows.

One ounce to 150 feet of drill.

**Double Curled or Covent Garden.** One of the best sorts, handsome bright green color; leaves finely crimped and curly. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c.

**Fern Leaved.** A fine strain, very dark green. Pkt. 5c. oz. 15c.,  $\frac{1}{4}$  lb. 35c.

**Hamburg or Turnip-Rooted.** The roots resemble a small parsnip; used for flavoring soups, etc. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c.

## PARSNIP

Sow as early in the spring as the weather will permit in deep, rich soil in drills 18 inches apart, covering the seed slightly; thin to 5 or 6 inches apart in the rows.

One ounce to 100 feet of drill; five pounds to the acre.

**Abbott's Improved Hollow Crown.** The roots are smooth, large, tender and sugary; a heavy cropper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Arlington Long Smooth.** Roots long and smooth; a good market sort. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Kelway's Don.** A half-long variety, flesh very white, solid, recommended for market use. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

## POTATOES

Eight to ten bushels will plant one acre. One peck will plant 75 hills.

Potatoes are sent by express or freight, purchaser paying charges.

### Standard Early and Late Varieties

Early Rose	Irish Cobbler
Early White Rose	Norcross
Delaware	Snow
Green Mountain	Gold Coin

WRITE FOR PRICES

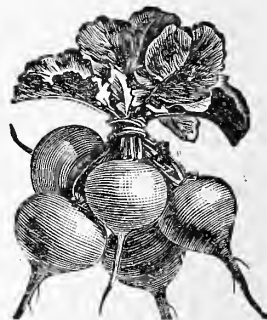
## RADISH

The seeds should be sown in light, rich, sandy loam. For an early supply, sow in a hotbed in rows 4 inches apart. Sow in the open ground as soon as the ground can be worked in rows 8 to 12 inches apart,  $\frac{1}{2}$  inch deep. If the radish makes rapid growth it will be crisp and tender. Sow every week or ten days for succession.

One ounce for 100 feet of drill.

**Non Plus Ultra.** The earliest forcing variety, round, red, maturing in about twenty days. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Crimson Giant.** An extra early, turnip-shaped variety, growing very large, yet never pithy, always hard and solid; good for forcing and equally as good if grown in the open ground. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.



SCARLET GLOBE RADISH

**Early Scarlet White-Tipped.** Small, round, red, short tops, crisp and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Scarlet Globe.** One of the best varieties for forcing or sowing in the open ground; globe shaped, scarlet color, crisp and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

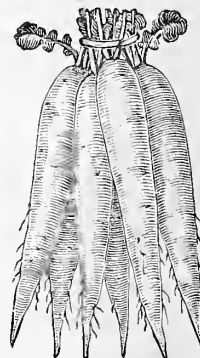
**French Breakfast.** Oblong shaped, color scarlet, white-tipped, rapid grower, mild and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Long Scarlet Short Top.** Long and crisp, for frames or open ground. Pkt. 5c., oz. 10c., 2 oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**White Vienna.** Finest white radish. It is long, slender, pure white, roots of excellent quality. Fine for forcing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Early White Turnip.** Flesh pure white and sweet, a fine forcer. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**Long Black Spanish.** A good winter variety. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.



WHITE VIENNA RADISH

Prices quoted in Catalogue are subject to change without notice



## PEAS

Sow the early, smooth, round sorts as early in the spring as the ground can be worked in light, dry, rich, loamy soil. The wrinkled varieties are more tender and the seed is more liable to rot and should not be planted when the ground is cold and wet. The late varieties do not require as rich soil as the early and dwarf sizes. Sow in rows 3 to 4 feet apart and about 1 inch apart in the rows, 3 to 4 inches deep. Peas grown as a market crop are never staked, but when the taller sorts are grown for private use they are generally sown in double rows, 6 to 8 inches apart, and staked with brush. For best results all garden peas require good, strong fertile soil.

*One quart will plant about 100 feet of drill; 1½ bushels to the acre.*

Those marked with a (\*) are wrinkled varieties.

Our Pea Seed is hand picked and field rogued.

If wanted by mail, add at the rate of 5c. per pt., 10c. per qt., half pks. and half bus. at pk. and bu. rates.

### Extra Early Varieties

**Alaska.** One of the earliest blue peas, pods dark green, of medium size and uniform in growth; height 2½ feet. Pkt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60., pk. \$3.15.

**\*Gradus or Prosperity.** The earliest and most popular of the large-podded, wrinkled peas; vines vigorous, bearing large pods from 4 to 4½ inches in length, filled with large peas of the finest quality and delicious flavor: height 3 feet. Pkt. 20c., pt. 30c., qt. 50c., ½ pk. \$1.75., pk. \$3.25, bu. \$12.00.

**\*Laxtonian.** One of the most remarkable varieties yet introduced; very dwarf, growing only 12 to 15 inches high, producing pods in great abundance; nearly as large as the Telephone. The peas are large with a flavor the very sweetest and best. Pkt. 20c., pt. 30c., qt. 50c., ½ pk. \$1.75, pk. \$3.25, bu. \$12.00.

**\*Little Marvel.** A dwarf variety of even growth, about 18 inches in height; pods dark green, medium size, often produced in pairs; as early as Nott's Excelsior or American Wonder, equal in flavor and more prolific. Pkt. 15c., pt. 30c., qt. 50c., ½ pk. \$1.75, pk. \$3.25, bu. \$12.00.

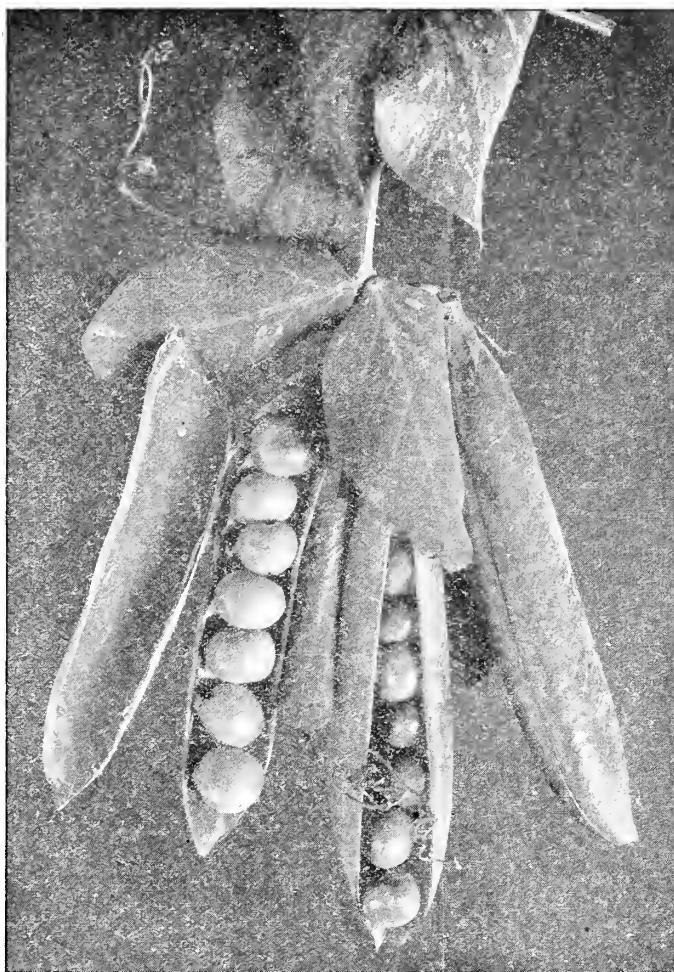
**\*Nott's Excelsior.** A splendid early sort; pods are always well filled with large peas of delicious flavor. The vines are more vigorous than the American Wonder; height 15 inches. Pkt. 15c., pt. 30c., qt. 50c., ½ pk. \$1.75, pk. \$3.25, bu. \$12.00.

**Pedigree.** A quick-growing, white, round pea; pods good size, well filled, nearly all maturing at one time; height 1½ feet. ½ pt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.50, pk. \$2.50.

**\*Sutton's Excelsior.** As early as Nott's Excelsior, with much larger pods, a large cropper and of rich flavor; height 1½ feet. Pkt. 15c., pt. 30c., qt. 50c., ½ pk. \$1.75, pk. \$3.25, bu. \$12.00.

**\*Sutton's World's Record.** Habit very prolific; pods long, dark green, filled with peas of superb flavor; height 3 feet. Pkt. 15c., pt. 30c., qt. 50c., ½ pk. \$1.75, pk. \$3.25, bu. \$12.00.

**\*Thomas Laxton.** Similar to Gradus. The pods are long, straight, with square ends, and contain 7 or 8 peas of the finest flavor; hardy and productive; height



GRADUS PEAS

3 feet. Pkt. 15c., pt. 30c., qt. 50c., ½ pk. \$1.50, pk. \$3.25, bu. \$12.00.

**\*Burpee's "Blue Bantam."** An extra early variety of the finest quality. The vines average fifteen inches in height. The pods average nearly as large as the Gradus. Pkt. 20c., pt. 35c., qt. 60c.

### Second Early and Medium Varieties

**\*BUTTERCUP.**

A hardy variety of robust habit, vines bearing from 6 to 12 pods, each pod containing from 6 to 8 peas of excellent flavor. One of the best second early varieties for garden use. Height 2 feet. Pkt. 15c., pt. 25c., qt. 45c., pk. \$3.00.

**\*Admiral Dewey.** One of the finest and most desirable of the large-podded varieties. The vines are of vigorous growth; the pods are always of good size, well filled with peas of the highest quality; specially recommended for the home garden and market growing: height 4 feet. Pkt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60, pk. \$3.15, bu. \$11.50.

PRICE IS SECONDARY TO QUALITY.



## PEAS—Continued

Those marked with a (\*) are wrinkled varieties.

### GENERAL CROP

**\*Carter's Quite Content.** The largest-podded variety yet introduced, vines and pods deep green, pods 7 to 7½ inches long, hanging mostly in pairs and contain 9 to 11 large peas of excellent flavor; recommended for the market or private garden; a large cropper; height 3 to 4 feet. Pkt. 20c., pt. 35c., qt. 60c., ½ pk. \$2.00, pk. \$3.50.

**\*Everbearing.** Very prolific, pods about 3 inches long, peas large and of good quality; height 2½ feet. Pkt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60, pk. \$3.15, bu. \$11.50.

**\*Improved Telephone.** An improvement on Carter's Telephone for purity and uniformity of habits, bearing in great abundance large, dark-green pods containing peas of fine flavor; height 4 feet. Pkt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60, pk. \$3.15, bu. \$11.50.

**Dwarf Gray Sugar (Edible Pods).** Height 2 feet. ½ pt. 15c., pt. 30c., qt. 50c.

**Mammoth Podded Sugar (Edible Pods).** Large, broad pods; cooked as string beans, they are sweet and tender; height 4 feet. ½ pt. 15c., pt. 30c., qt. 50c.

**Black-Eyed Marrowfat.** Largely grown as a field crop; height 4 feet. Pk. \$2.25, bu. \$8.00.

**White Marrowfat.** Very hardy and prolific; height 4 feet. Pk. \$2.25, bu. \$8.00.

**White Canada Field.** Valuable for sowing with oats for cattle feeding and for green soiling. Pk. \$1.25, bu. \$1.75.

Any of the following Standard Varieties. Pkt. 15c., pt. 25c., qt. 45c., ½ pk. \$1.60, pk. \$3.15.

If wanted by mail, add at the rate of 5c. per pt., 10c. per qt.

**\*American Wonder**

**\*Champion of England**

**\*Duke of Albany**

**\*McLean's Advancer**

**\*Yorkshire Hero**

## Salsify or Vegetable Oyster

One of the most delicious and nutritious of vegetables.

Sow early in the spring in drills 14 inches apart and 1 inch deep. Cultivate the same as for carrots and parsnips. They can be left in the ground until spring.

One ounce to 50 feet of drill.

**Mammoth Sandwich Island.** This variety grows to a large size and is superior in quality to the Long White. Pkt. 5c., oz. 25c., ¼ lb. 85c.

Read about these Specialties and Novelties. They have all proven very satisfactory and we can recommend them to our customers.

**BEANS**—Sure Crop Stringless Wax

**Burpee's Kidney Wax**—Burpee's Stringless Green Pod  
French Horticultural Bush

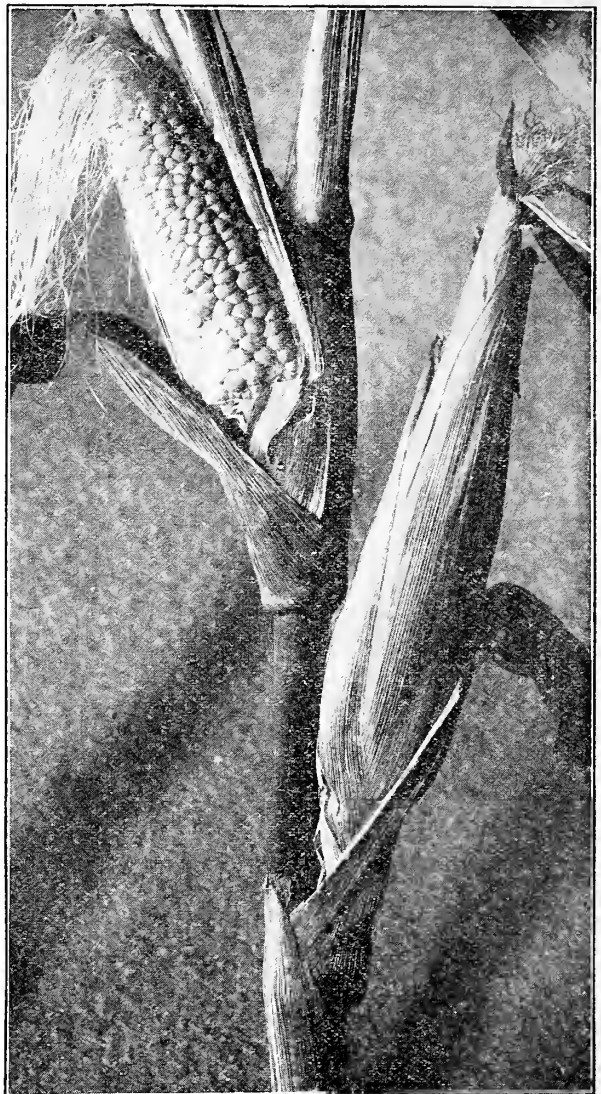
**BEET**—Detroit Dark Red. Early Wonder

**CABBAGE**—Copenhagen Market  
Red Danish Stonehead  
Danish Giant

**CELERY**—Paris Golden Self-Blanching (French grown)

**CAULIFLOWER**—Danish Giant

**CARROT**—Wood's Selected Danvers



MORSE'S GOLDEN CREAM CORN

For description see page 7

**CORN**—Morse's Golden Cream (Sweet)

Brigg's Improved Golden Bantam

**CUCUMBER**—Klondike. Wood's Hybrid

**ONION**—Danvers Yellow Globe (New England grown)

**PEAS**—Little Marvel Laxtonian  
Carter's Quite Content Buttercup

**SWEDE TURNIP**—Perfect Model  
Lang's Mammoth

**TOMATO**—Early Detroit  
John Baer

## SPINACH

Sow early in the spring in drills one foot apart, covering the seed one inch deep, thinning out as it grows. For a succession sow every two weeks. For winter and early spring use, sow in August; cover with straw on the approach of severe cold weather.

*One ounce to 50 feet of drill; ten to twelve pounds to the acre.*



VICTORIA SPINACH

**Giant Thick-Leaved.** A large, dark-green, thick-leaved variety; stands a long time before running to seed. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Victoria.** A variety of dense foliage, leaves thick and of a dark-green color. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Long Season.** A dark-green, crumpled variety which withstands the hot weather without shooting to seed for a long time; very desirable for spring planting and of excellent quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Bloomsdale.** A very hardy variety; large, thick, crumpled leaves, a favorite with Market Gardeners. The best for early spring or fall. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Prickly or Winter.** The hardiest variety for fall planting. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**New Zealand.** A plant of branching habits which stands drought. Soak the seeds in warm water before planting. Plants should not be closer than 2 feet apart each way. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

“STERLING QUALITY” SEEDS MEAN THE BEST

PRICE IS SECONDARY TO QUALITY

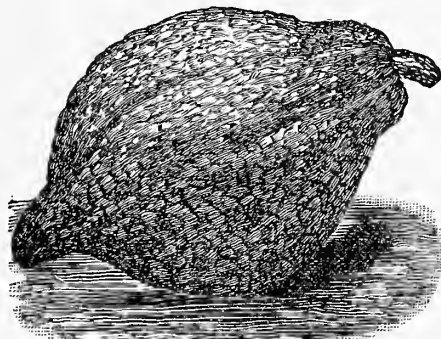
SEND US YOUR MAIL ORDERS

ORDER EARLY TO AVOID DISAPPOINTMENT

## SQUASH

Squashes are quite tender and should not be planted until the ground has become thoroughly warm and all danger of frost is past. Plant in light, rich soil, well pulverized. Bush varieties should be planted about 4 feet apart and the running varieties about 8 feet.

*Bush varieties, one ounce to 40 hills; running varieties, one ounce to 15 hills, three to four pounds per acre.*



HUBBARD SQUASH

**Early Summer Crookneck.** A desirable table sort, bright yellow and attractive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Giant Summer Crookneck.** Large size, nearly double the size of the above. The flesh is thick, yellow and of fine quality. One of the best market varieties. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Yellow Bush Scallop.** An early variety, very prolific. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Mammoth White Bush Scallop.** Pure white, producing large, thick fruit of fine flavor, early and productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Delicious.** Fine grained, sweet and dry, no other squash can equal it in sweetness and richness of flavor. In shape and color it is similar to the Hubbard. Weighs from five to ten pounds. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Early Prolific Marrow.** The earliest of the running varieties, maturing ten days earlier than the Boston Marrow; color a bright orange red; keeps well. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Boston Marrow.** A standard fall variety of a bright yellow color, an excellent sort for pies and largely used by canners. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Warren.** Has a shell harder than the Essex Hybrid and the color is of a deeper orange; the quality is superior. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Hubbard.** The standard winter squash, more largely grown than any other late variety, dark green skin and rich flesh, an excellent keeper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Golden Hubbard.** Same type as the Green Hubbard but of rich orange red color and earlier to mature. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Mammoth Chili.** Grows to an enormous size; color orange yellow. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Vegetable Marrow.** The fruit should be eaten when less than half grown; color creamy white, flesh white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.



# TOMATO

Sow the seeds about the first week in March in a hotbed, greenhouse or in shallow boxes in a window. When the plants are about three inches high transplant to cold frames, setting the plants about 4 inches apart or in pots singly. Transplant to the open ground when all danger of frost is past. Set in rows 4 feet apart each way, using a shovelful of rotted manure in each hill. *One ounce will produce about 1,500 plants.*

**Our Tomato Seeds are grown from selected Stocks.**

**John Baer.** This tomato is described by the originator as "the earliest tomato on earth." It produces perfect, solid, high crown, beautiful, brilliant red tomatoes, is almost seedless, and has a mild, deliciously sweet flavor. "John Baer" Tomato is the offspring of two marvelous tomatoes, one great specialist having devoted ten years in selecting and improving one parent and another expert devoted five years in selecting and improving the other parent. The 'John Baer' Tomato is, therefore, the result of fifteen generations of improvement and selection for earliness, quality, shape, fruit, color and shipping quality. Will stand plenty of manuring without going to vine." Set plants  $2\frac{1}{2}$  x 3 feet. Pkt. 5c.,  $\frac{1}{4}$  oz. 20c., oz. 60c.

**Early Detroit.** Fruit very smooth, uniform in size, nearly globe shaped, firm and of excellent quality; color purplish pink; vine vigorous and productive. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Earliana.** The best extra early variety. It is the earliest large tomato; color bright red, growing in clusters of medium size, smooth, solid, and of fine flavor; excellent for the market and home garden. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Chalk's Jewel.** Color bright red; flesh thick and solid, good quality. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Bonney Best.** Early and prolific; fruit is smooth, round, scarlet, of fine flavor. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Stone.** The most reliable of the main crop, very large, bright scarlet, smooth, solid and very productive; is a good shipper. Pkt. 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Dwarf Champion.** Plant dwarf and compact, medium size, good quality, color purplish pink. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Dwarf Stone.** Dwarf and compact growing, plant resembling Dwarf Champion but is of a stronger growth, yielding a large crop of very smooth, solid tomatoes of the finest quality, color bright scarlet. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Beauty (Livingston's).** One of the best main crop tomatoes, vine large and vigorous, fruit purplish pink, smooth, large, solid and of excellent flavor. Grows in clusters of 4 to 6 and seldom cracks. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

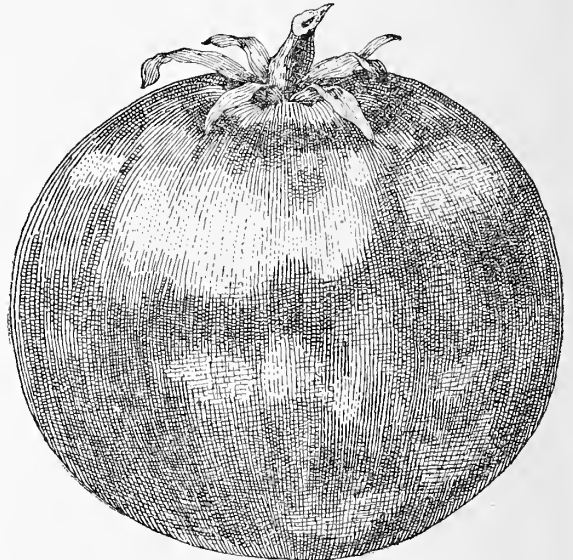
**Scarlet Globe.** A desirable sort for both home and market use. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Ponderosa.** One of the largest varieties, flesh solid and of fine quality. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Acme.** The fruit is a bright pink color, medium size, smooth and solid. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Red Cherry.** Scarlet fruit about the size of a cherry, used for pickling. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.

**Yellow Cherry.** Bright yellow, best for preserving. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.



EARLY DETROIT TOMATO

# TURNIP

Turnips do best in rich, light, sandy soil. For early use, sow in the spring as soon as the ground can be worked in drills 1 foot apart. Cover  $\frac{1}{2}$  inch deep. Thin plants to 6 inches apart. For a succession, sow every two weeks until August. Rutabagas are usually sown broadcast, but larger crops are obtained if the seed is sown in drills 18 inches apart and thinned out to 8 or 10 inches in the rows. Sow from June to the middle of July.

*One ounce will sow 150 feet of drill; one to two pounds to an acre.*

**Early Purple Top Milan.** One of the earliest flat turnips; flesh solid and of good quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Early White Milan.** Extra early; roots of medium size, pure white, sweet and tender. It is a rapid grower and desirable for early use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.



WHITE MILAN  
TURNIP

**Purple Top Strap Leaf.** A well-known and popular variety for the main crop, largely grown for both table and stock. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Purple Top White Globe.** An early variety, of superior quality, globe-shaped, white flesh, tender and sweet, one of the best for table use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**White Egg.** A pure white, egg-shaped variety of rapid growth; flesh firm, sweet and mild. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Golden Stone.** Flesh yellow, firm and fine grained, of fine quality, an excellent keeper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

## TURNIP—Continued

**Golden Ball.** Very early, fine quality and of excellent flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Cow Horn or Long White.** A very productive, quick-growing turnip, carrot-like in form, growing nearly half out of the ground. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

## Rutabaga or Swede Turnip

### American Purple

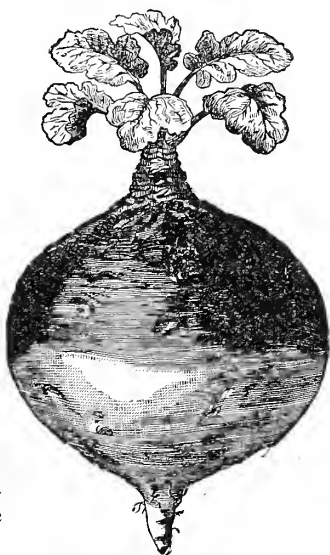
**Top.** Very hardy, productive, and a good keeper; flesh yellow and solid, a fine variety for table use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

### Carter's Imperial Purple Top.

Very large and productive; smooth, round heads, yellow flesh, and of good quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

### Lang's Mammoth.

This variety is an enormous cropper and one of the most hardy, globe-shaped, with short neck, dwarf foliage, and a clean single tap root. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



AMERICAN PURPLE TOP  
RUTABAGA

**Perfect Model.** An improved strain of the finest yellow-fleshed rutabaga, remarkable for uniform shape and fine quality, very sweet and tender and a good keeper. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Sweet German.** Flesh white, hard and sweet, keeps well. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Budlong.** An early, white, globe-shaped variety, of mild flavor, an excellent table sort. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.



KELWAY'S PERFECT MODEL RUTABAGA

## Sweet and Medicinal Herbs

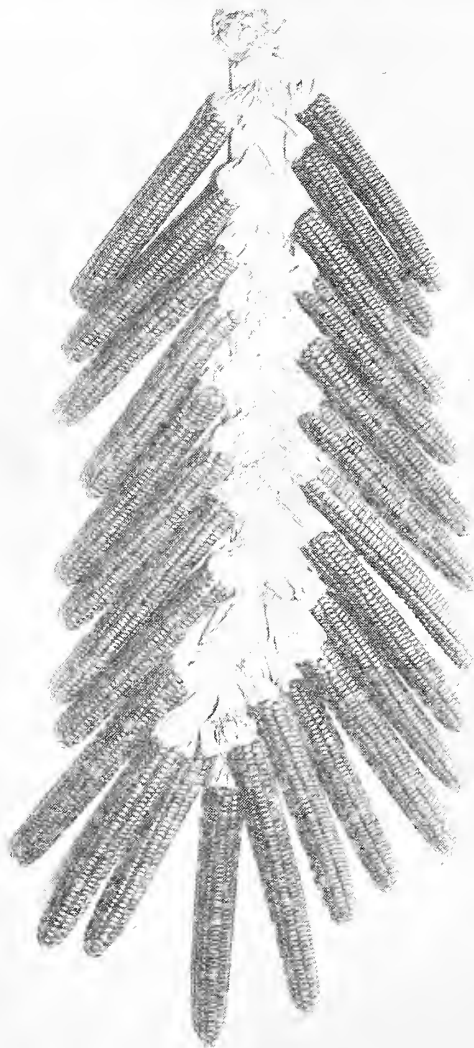
Sow in the spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant; cut the herbs when in flower, tie them up in small bunches and hang in the shade to dry.

Anise	Annual.	Per oz. 10c., pkt. 5c.
Balm	Perennial	Per oz. 30c., pkt. 5c.
Basil, Sweet	Annual	Per oz. 20c., pkt. 5c.
Caraway	Biennial.	Per oz. 10c., pkt. 5c.
Catnip	Perennial.	Per oz. 40c., pkt. 5c.
Dill	Biennial.	Per oz. 10c., pkt. 5c.
Fennel, Sweet	Perennial.	Per oz. 10c., pkt. 5c.
Hyssop	Perennial.	Per oz. 25c., pkt. 5c.
Lavender	Perennial.	Per oz. 10c., pkt. 5c.
Marjoram, Sweet	Annual.	Per oz. 20c., pkt. 5c.
Mint	Perennial	pkt. 25c.
Saffron	Annual.	Per oz. 10c., pkt. 5c.
Sage	Annual.	Per lb. \$1.50, Per oz. 15c., pkt. 5c.
Summer Savory	Annual.	Per oz. 15c., pkt. 5c.
Thyme	Perennial.	Per oz. 40c., pkt. 5c.

PRICES QUOTED IN CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE



## Ashmont Golden Flint Corn



A carefully chosen strain of the Stickney Flint. A fine ensilage corn, growing, under even fair condition, from 8 to 11 feet in height with a very heavy growth of luxuriant green leaves and stalks. By painstaking selection the time of maturity of this corn has been shortened from one to two weeks.

Seed grown in Maine.

Awarded first Premium at the annual exhibition of the Maine Seed Improvement Association held at Bangor, 1914, Lewiston, 1915, and at Newport, 1917.

Qt. 25c.,  $\frac{1}{2}$  pk. 80c., pk. \$1.50.

# FIELD CORN

## Prices Subject to Market Changes

Prices do not include delivery. Add cost of bags when ordering, as follows:  $\frac{1}{2}$  bush., 10 cents; 2 bush., 40 cents.

If ordered by mail add postage at parcel post rates.

*Corn weight by Parcel Post; Pts. 1 lb.; Qts. 2 lbs.; 4 Qts. 6 lbs.; Pk. 11 lbs.*

*Plant eight to ten quarts per acre in hills, one and one-half to two bushels broadcast, one bushel in drills.*

**Mortgage Lifter.** A heavy yielding, Yellow Dent Corn. Stocks are quite tall and furnish a large amount of fodder which contains a good percentage of grain. The ears are 8 to 10 inches in length, and from 12 to 16 rows. Write for prices.

**Genuine Eureka Ensilage.** The corn that grows more ensilage to the acre than any other variety. It grows very tall, attaining a height of 12 to 15 feet and makes a heavy, thick growth of fodder. Try this variety if you want the maximum tonnage. Pk. \$1.00, bu. \$3.50.

**Keystone Yellow Dent.** This variety is one of the best Yellow Dent Corns. Ears are 9 to 12 inches long, with 16 to 20 rows of bright yellow kernels. Matures in 110 to 115 days. Pk. \$1.25, bu. \$4.50.

**Stickney Prize Yellow Flint.** A fine corn for ensilage, grows from 10 to 12 feet high. Pk. \$1.50, bu. \$5.50.

**Longfellow Flint.** Eight-rowed, yellow kernel. Ears long, with small cob. Write for prices.

**Improved Leaming.** Large deep grains, very early; stalks are leafy and make excellent fodder. Write for prices.

**Red Cob Ensilage.** White corn with red cob; matures late. Write for prices.

**Sanford.** An early white flint, eight-rowed variety, largely grown for ensilage. Write for prices.

**Sweet Fodder.** For ensilage, and a green summer food for stock. Qt. 15c., pk. 50c., bu. \$2.00.

**Watson's Early Eight-Rowed Yellow Flint.** The earliest yellow variety. Matures in about 90 days. Seed grown in Maine. Write for prices.

**Beede's Extra Early Yellow Flint.** A yellow, eight-rowed flint variety; ears about 8 inches long; kernels large, plump and closely set together covering both butt and tip; hardy and productive. Pk. \$1.50, bu. \$5.25.

**White Rice Pop Corn.** The most popular for general use.  $\frac{1}{2}$  pt. 15c., pt. 20c., qt. 35c.

Prices quoted in Catalogue are subject to change without notice

## PLANTING TABLE

Quantity of Seeds or Number of Plants Required for a Row 100 Feet in Length, with Distances to Plant and Time for Planting

Kind of Vegetable	Seeds or Plants Required for 100 Feet of Row	Distance for Plants to Stand Hand Cultivation		Depth of Planting	Time of Planting in Open Ground	Ready for Use After Planting
		Rows Apart	Plants Apart in Rows			
Asparagus, seed . . .	1 ounce	1 to 2 ft.	3 to 5 in.	1 to 2 in.	Early spring . . . . .	3 to 4 years
Asparagus, plants . .	60 to 80 plants	12 to 24 in.	15 to 20 in.	3 to 5 in.	Early spring . . . . .	1 to 3 years
Beans, bush . . . . .	1 quart	18 to 24 in.	5 or 8 to ft.	1 to 2 in.	April to July . . . . .	40 to 65 days
Beans, pole . . . . .	1 pint	3 to 4 ft.	3 to 4 ft.	1 to 2 in.	May and June . . . . .	50 to 80 days
Beets . . . . .	2 ounces	12 to 18 in.	5 or 6 to ft.	1 to 2 in.	April, May and June . . . .	90 to 120 days
Cabbage, early . . . .	$\frac{1}{2}$ ounce	24 to 30 in.	12 to 18 in.	$\frac{1}{2}$ in.	April and May. (Start in hot- bed during March) . . . . .	90 to 130 days
Cabbage, late . . . . .	$\frac{1}{2}$ ounce	24 to 36 in.	16 to 24 in.	$\frac{1}{2}$ in.	May and June . . . . .	90 to 130 days
Carrot . . . . .	1 ounce	18 to 24 in.	6 or 7 to ft.	$\frac{3}{4}$ in.	April to June . . . . .	75 to 110 days
Cauliflower . . . . .	$\frac{1}{2}$ ounce	24 to 30 in.	14 to 18 in.	$\frac{1}{2}$ in.	April to June. (Start in hot- bed during March) . . . . .	100 to 130 days
Celery . . . . .	$\frac{1}{4}$ ounce	18 to 36 in.	4 to 8 in.	$\frac{1}{8}$ in.	May and June. (Start in hot- bed or cold frame during March or April) . . . . .	120 to 150 days
Corn, sweet . . . . .	1 pint	30 to 36 in.	30 to 36 in.	1 to 2 in.	May and June . . . . .	90 to 120 days
Cress . . . . .	$\frac{1}{2}$ ounce	12 to 18 in.	4 or 5 to ft.	$\frac{1}{2}$ to 1 in.	March to May. April to June	30 to 40 days
Cucumber . . . . .	$\frac{1}{2}$ ounce	4 to 6 ft.	4 to 6 ft.	1 to 2 in.	May to July . . . . .	80 to 100 days
Endive . . . . .	1 ounce	18 in.	8 to 12 in.	$\frac{1}{2}$ in.	May . . . . .	90 to 110 days
Kohl-rabi . . . . .	$\frac{1}{2}$ ounce	18 to 24 in.	4 to 8 in.	$\frac{1}{2}$ in.	April to June . . . . .	60 to 90 days
Lettuce . . . . .	$\frac{1}{2}$ ounce	12 to 18 in.	4 to 6 in.	$\frac{1}{2}$ in.	April to August . . . . .	60 to 90 days
Melon, muskmelon . .	1 ounce	6 to 8 ft.	Hills 6 ft.	1 to 2 in.	May and June . . . . .	120 to 150 days
Melon, watermelon . .	1 ounce	8 to 12 ft.	Hills 10 ft.	1 to 2 in.	May and June . . . . .	100 to 120 days
Mustard . . . . .	$\frac{1}{2}$ ounce	12 to 18 in.	4 or 5 to ft.	$\frac{1}{4}$ in.	April and May . . . . .	60 to 90 days
Onion, seed . . . . .	1 ounce	12 to 18 in.	4 or 5 to ft.	$\frac{1}{2}$ to 1 in.	April and May . . . . .	130 to 150 days
Onion, sets . . . . .	1 quart of sets	12 to 18 in.	4 or 5 to ft.	1 to 2 in.	March to May . . . . .	90 to 120 days
Parsley . . . . .	1 ounce	12 to 18 in.	3 to 6 to in.	$\frac{1}{2}$ in.	Early spring . . . . .	90 to 120 days
Parsnip . . . . .	1 ounce	18 to 24 in.	5 or 6 to ft.	$\frac{1}{2}$ to 1 in.	April and May . . . . .	125 to 160 days
Peas . . . . .	1 to 2 pints	30 to 36 in.	15 to ft.	2 to 3 in.	March to July . . . . .	60 to 90 days
Pepper . . . . .	$\frac{1}{2}$ ounce	18 to 24 in.	15 to 18 in.	$\frac{1}{2}$ in.	May and June . . . . .	100 to 120 days
Potato, Irish . . . . .	5 lbs. (or 9 bu. per acre)	24 to 36 in.	14 to 18 in.	4 in.	April to June . . . . .	80 to 140 days
Pumpkin . . . . .	1 ounce	8 to 12 ft.	Hills 8 to 12 ft.	1 to 2 in.	May to July . . . . .	100 to 140 days
Radish . . . . .	1 ounce	12 to 18 in.	8 or 12 to ft.	$\frac{1}{2}$ to 1 in.	March to September . . . .	20 to 40 days
Rhubarb, plants . . .	33 plants	3 to 5 ft.	3 ft.	2 to 3 in.	Early spring . . . . .	1 to 3 years
Rutabaga . . . . .	1 ounce	18 to 24 in.	6 to 8 in.	$\frac{1}{2}$ in.	May and June . . . . .	60 to 80 days
Spinach . . . . .	2 ounces	12 to 18 in.	7 or 8 to ft.	1 to 2 in.	September or early spring	40 to 60 days
Squash, bush . . . . .	1 ounce	3 to 4 ft.	Hills 3 to 4 ft.	1 to 2 in.	May and June . . . . .	70 to 90 days
Squash, late . . . . .	1 ounce	7 to 10 ft.	Hills 7 to 9 ft.	1 to 2 in.	May and June . . . . .	120 to 160 days
Tomato . . . . .	$\frac{1}{8}$ ounce	3 to 4 ft.	3 to 4 ft.	$\frac{1}{2}$ in.	May and June. (Start early plants in hotbed during Feb- ruary and March) . . . . .	100 to 140 days
Turnip . . . . .	1 ounce	18 to 24 in.	6 or 7 to ft.	$\frac{1}{4}$ to $\frac{1}{2}$ in.	May to July . . . . .	60 to 80 days

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

	Lbs. per bush.		Lbs. per bush.
Barley, broadcast	48 2 to 3 bush.	Melon, Water, in hills	4 to 5 lbs.
Beans, Dwarf, in drills	60 $1\frac{1}{4}$ bush.	Millet, Japanese	40 25 lbs.
Beans, Pole, in hills	60 10 to 12 qts.	Millet, Golden	50 1 bush.
Beets, Table, in drills	6 lbs.	Oats, broadcast	32 2 to 3 bush.
Beets, Mangel-Wurzel	6 lbs.	Onion, in drills	5 lbs.
Buckwheat	48 1 bush.	Onion Sets, in drills	8 bush.
Cabbage, in beds to transplant	$\frac{1}{4}$ lb.	Parsnip, in drills	5 lbs.
Carrot, in drills	3 to 4 lbs.	Peas, broadcast	3 bush.
Clover, Red	60 15 to 20 lbs.	Peas, in drills	$1\frac{1}{2}$ bush.
Clover, White	60 12 to 15 lbs.	Potatoes (Cut Tubers)	60 8 bush.
Clover, Alsike	60 10 lbs.	Pumpkins, in hills	4 lbs.
Clover, Lucerne or Alfalfa	60 30 lbs.	Radish, in drills	8 lbs.
Corn, in hills	10 qts.	Rye, broadcast	56 $1\frac{1}{2}$ bush.
Corn, for fodder	3 bush.	Sage, in drills	8 lbs.
Cucumber, in hills	2 lbs.	Spinach, in drills	10 lbs.
Grass, Kentucky Blue	14 3 bush.	Squash, (Bush Varieties), in hills	2 lbs.
Grass, Orchard	14 3 bush.	Squash, (Running Varieties), in hills	3 lbs.
Grass, Red Top (Recleaned)	40 6 lbs.	Tomato, to transplant	$\frac{1}{4}$ lb.
Grass, Timothy	45 $\frac{1}{2}$ bush.	Turnip, broadcast	2 lbs.
Grass, Hungarian	48 1 bush.	Turnip, in drills	$1\frac{1}{2}$ lbs.
Grass, Lawn	25 3 bush.	Vetches, broadcast	2 to 3 bush.
Melon, Musk, in hills	2 to 3 lbs.	Wheat, broadcast	60 $1\frac{1}{2}$ to 2 bush.

# GRASS SEEDS, GRAINS, ETC.

## PRICES OF GRASS SEEDS SUBJECT TO CHANGE

### SPECIAL QUOTATIONS WITH SAMPLES ON APPLICATION

Prices do not include delivery. Add cost of bags when ordering, as follows:  $\frac{1}{2}$  bush., 10 cents; 2 bush., 40 cents.

#### GRASS SEEDS

**Creeping Bent.** A variety of rapid growth and spreading habit, fine for lawns and putting greens.

**Italian Rye Grass.** A variety that thrives in almost any soil and yields abundant crops.

**Kentucky Blue Grass.** An excellent grass for pastures and lawns.

**Meadow Foxtail.** Valuable for permanent pastures.

**Meadow Fescue.** An excellent pasture grass.

**Orchard Grass.** Yields large crops of excellent hay, also valuable for pastures, and also succeeds in shady situations better than most other grasses.

**Perennial Rye Grass.** Grows rapidly, making a good growth within a month from time of sowing.

**Red Top.** "*Sterling Quality.*" A permanent grass, valuable for hay or pasture.

**Rhode Island Bent Grass.** A valuable perennial for lawns.

**Sheep's Fescue.** A small tufted, hardy grass, thrives on light, dry soils and in shady locations where other grasses would fail.

**Sweet Vernal (Annual).** Lasts only one season. Imparts a fragrant odor to grass while being cut.

**Sweet Vernal (Perennial)** Same as the annual variety, with the exception that it is of a perennial nature.

**Tall Meadow Oat Grass.** It is recommended for hay and for a soiling crop.

**Tall Fescue.** A valuable perennial grass. Succeeds best on moist soil.

**Timothy.** "*Sterling Quality.*" One of the most important of hay grasses, producing a larger crop than any other grass when sown on rich loamy or clayey soils. We sell only the purest and best seed obtainable.

**Wood Meadow Grass.** Of early growth and thriving well under trees where other grasses will not grow.

#### CLOVER SEEDS

**Alsike Clover.** "*Sterling Quality.*" A hardy variety and one of the best for sowing with other clovers or grasses. The blossoms are fragrant and are much liked by bees.

**Alfalfa or Lucerne Clover.** Valuable as a hay and forage crop.

**Crimson Clover.** An annual variety growing about one foot high.

**Red Clover.** "*Sterling Quality.*" Excellent for pastures and hay. Adds humus to the soil wherever it is sown.

**Sweet Clover, Bokhara (Melilotus Alba).** Used as a soil-improving crop.

**White Clover.** Largely used in lawn and pasture mixtures.

**Washington Oats.** A fine, heavy oat, originating in New York. One of the best and most reliable of spring oats. It is an open-headed or tree type of oats, thin hulls making them especially valuable as a feeding oat. They are less liable to rust than most any other sort. Weight, 36 to 40 lbs. measured bushel. Crop failed.

**Clydesdale Oats.** An early and productive variety, free from rust, with a clean and vigorous growth of straw. One of the largest yielding spring oats. Pk. 60., bu. \$2.00.

**Barley, Chevalier.** A two-rowed variety, very hardy and productive. The grain is large and plump.

**Barley, Beardless.** Pk. 60c., bu. \$2.25.

**Spring Wheat (Fife).** A red, beardless variety, hardy and productive.

**Spring Rye.** An excellent crop for fodder or grain.

**Winter Rye.** The ordinary variety for fall sowing.

**Buckwheat (Japanese).** The best and most profitable variety. It is earlier and more productive than the Silver Hull. Pk. 50c., bu. \$1.75.

**Buckwheat (Silver Hull).** A very good variety. Grain is light gray in color. Pk. 50c., bu. \$1.75.

**Soja Beans.** Valuable as a forage crop or green manure; also as a green fodder and silo plant.

Early Green. Write for prices.

Hollybrook. Write for prices.

**Southern Cow Peas.** One of the largest yielding forage crops grown. New Era. An early maturing variety. Qt. 20c., pk. \$1.00, bu. \$3.50.

**Spring Vetches or Tares.** Valuable for soiling, also grown with oats for feeding to stock. Lb. 8c., per 100 lbs. \$6.50.

**Winter Vetches or Tares.** Very hardy, recommended for fall sowing with rye. Lb. 25c.

**Early English Dwarf Essex Rape.** A forage plant of great value, furnishing rich pasturage for sheep, hogs or cattle within six weeks from the time of sowing. It also makes splendid green feed for poultry. It is sown broadcast at the rate of 4 to 6 lbs. to the acre, but will yield much better when sown in drills, at the rate of 2 to 3 lbs. per acre. Per lb. 25c., by mail 30c.; per 100 lbs. \$20.00.

"STERLING QUALITY" SEEDS MEAN THE BEST



## LAWN GRASS SEED

Lawns made from seed are generally superior to those made by laying turf, and there is a large saving in the expense. The soil should be carefully prepared, made firm and smooth, well drained, and enriched with commercial fertilizer or well-rotted manure.



**A., S. & L. EXTRA FINE MIXED.** A combination of the finest and purest grasses best adapted for a permanent lawn. For beautiful, velvety lawns, the "A., S. & L." Lawn Grass is the best that can be used. We have received many complimentary reports from customers who have used this Lawn Seed. Lb. 25c., by mail 30c.

**Pinetree.** This mixture is composed of grasses adapted to general lawn purposes. Lb. 20c., by mail 25c.

**A., S. & L. Golf Links Mixture.** Made from a formula that will produce a turf which will withstand rough usage. Lb. 35c., by mail 40c.

**A., S. & L. Putting Green Mixture.** The varieties in this mixture are the finest, low growing and most hardy kinds. Lb. 35c., by mail 40c.

**SHADY SPOT MIXTURE.** A mixture of fine grasses that will make satisfactory growth under trees and in shady places. Lb. 30c., by mail 35c.

## A., S. & L. PERMANENT PASTURE MIXTURE

This is a mixture composed of the best varieties of the different perennial Grasses and Clovers blended in the right proportions for giving a fine, heavy growth of pasture throughout the season, and which will last in the ground for many years.

The different varieties of Seeds for this mixture are selected with the view of combining in proper proportions varieties that will start early in the spring and those that will last late in the fall, and also those that will furnish good pasture during the hot, dry periods of summer. It is a mixture that has been highly recommended by expert Agriculturists.

We can assure our customers that this mixture is made from only the very highest quality of Seeds which the market affords. Sow at the rate of 35 lbs. to the acre.

Price per acre, \$8.00, f. o. b. Portland.

## WILD GARDEN FLOWER SEEDS

A mixture of easily grown varieties of Flower Seeds for Sowing broadcast, require very little care and produce a continual display of bloom throughout the season, and furnish an abundance of flowers for cutting. They are useful for sowing along fences and on unsightly bare spots of ground.

Pkt. 5c., oz. 10c.,  $\frac{1}{2}$  lb. 30c.

## A Descriptive List of

**CHOICE FLOWER SEEDS**

## With General Directions For Cultivation

A rich, sandy loam is the best for most flowering plants. The soil of a good garden should be deep, well pulverized, and if fertilizers are used they should be thoroughly mixed with the soil.

It is best in practically all instances except hardy annuals to start the seed in boxes, preferably a box about 18 x 24 inches and 4 inches deep, using very sandy soil with leaf-mold that will not bake, and provide for drainage by boring some holes in the bottom of the box. It is best not to put any fertilizer in the seed box, since it is only necessary to bring the plants to the third or fourth leaf, when they should be pricked out and reset in another box, in which the soil should be loam mixed with leaf-mold. It is important that the plant be of good size, strong and sturdy, when finally transplanted in the garden.

If the seed be sown directly in the garden, it should be sown in the spring after the soil is well worked and fertilized. When up, the plants must be thinned from two to twelve inches, depending on the variety, otherwise they will be weak and spindling. It is a mistake to leave plants too thick. A common mistake in sowing flower as well as other seeds is covering too deep. As a general rule, cover only to the depth of the thickness of the seeds, or with medium-sized seeds, like Balsams, Zinnias, etc., half an inch or less is the proper depth. Such fine seeds as Portulaca, Nicotiana, etc., need only to be pressed into the soil with a piece of board or palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow; but, as a rule, it is preferable to transplant, as the plants are generally stronger and stand the drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such annuals as require it.

The weeds should be kept down and the ground loosened often, so that the plants will receive the full benefit of the rains and dews, which they will not if the ground is allowed to become hard and baked.

**ABUTILON (Flowering Maple).** Free-flowering, perennial shrubs of strong growth and easy cultivation; drooping, bell-shaped flowers of various colors. . . . . \$0.10

**ACONITUM (Monk's Head).** Hardy perennial, with helmet-shaped flowers; growing in any good garden soil. Thrives best when planted among shrubbery or in shady situations. 4 feet. . . . .  
**Nappellus.** Large, blue . . . . . .10  
**Nappellus White.** Large White . . . . . .10  
**Finest Mixed.** ¼ oz. 35c. . . . . .10

**ACROCLINIUM.** A half-hardy annual, bearing white and rose-colored flowers which are used when dried for winter bouquets. 1½ feet. . . . .  
 Rose and white, mixed. . . . . .05

**AGERATUM.** A beautiful, hardy annual. The flowers, which are produced in clusters, are very attractive in the garden and are very useful for bouquets. . . . .  
**Little Blue Star.** Bright blue flowers, 6 inches . . . . .10  
**Blue Perfection.** Dark Blue. 1½ feet. . . . .05

**ALYSSUM.** A fragrant, hardy annual, bearing spikes of small, white flowers in great profusion throughout the summer and autumn. Useful for borders and for cutting. . . . .  
**Sweet Alyssum.** Flowers small and sweet, oz. 35c. . . . . .05

**Little Dorrit.** Pure white, very dwarf and sweet scented, oz. \$1.00. . . . . .10  
**Little Gem.** Pure white. 6 inches. . . . . .10  
**Saxatile Compactum.** Perennial, 10 inches high, compact habit, yellow flowers, oz. 75c. . . . .10

**AMARANTHUS.** Hardy annuals, grown especially for their brilliant foliage. . . . .  
**Tricolor (Joseph's Coat).** The plant is 3 feet high, with brilliant leaves in variegated red, yellow, green, etc. . . . . .05

**AMMOBIUM (Alatum Grandiflorum).** A hardy annual, with white everlasting flowers; useful as bouquets and as dried flowers. . . . . .05

**AMPELOPSIS VEITCHII (Boston Ivy).** The best hardy vine for covering brick or stone buildings, etc.; foliage turning to scarlet in the autumn. ½ oz. 20c. . . . . .05



ANTIRRHINIUM (SNAPDRAGON)

**ANTIRRHINIUM (Snapdragon).** A half-hardy perennial, easily raised from seed. Bloom profusely the first season from midsummer till fall.

**TALL, LARGE FLOWERING VARIETIES**

	Per Pkt.
<b>Bronze Beauty.</b> . . . . .	\$0.10
<b>Defiance.</b> Brilliant scarlet. ¼ oz. 35c. . . . .	.05
<b>Enchantress.</b> Color of Enchantress Carnation. . . . .	.10
<b>Firefly.</b> Scarlet and white. . . . .	.05
<b>Nelrose.</b> Rich coral pink . . . . .	.10
<b>Phelps' White.</b> The standard white. . . . .	.10
<b>Silver Pink.</b> Delicate rosy pink . . . . .	.10
<b>Venus.</b> Delicate Pink, with white throat. . . . .	.10
<b>Large Yellow.</b> . . . . .	.05
<b>Large Flowering.</b> Mixed colors . ¼ oz. 25c. . . . .	.05
<b>Semi Dwarf.</b> Finest Mixed. . . . . ¼ oz. 25c. . . . .	.05



## ASTERS

A popular half-hardy annual produced in a great variety of classes and an almost endless number of colors. The tallest varieties grow about two feet high and some varieties of dwarfs are not six inches high. The best method of culture is to sow the seed in boxes in March or April. Cover the seeds about one-fourth inch deep with rich, light soil, and when the plants have three or four leaves transplant about 15 inches apart each way. The seed can be sown in rows where the plants are to remain, thinning them from six to twelve inches apart, according to variety. One of the best annuals for cut flowers.

### Vick's Lavender and Purple Rochesters.

New colors in this splendid type of aster.

The flowers are of immense size, often 5 inches across, with petals that are very long and narrow, and gracefully recurved.

Per Pkt

**Vick's Lavender Rochester.** A clear light lavender color ..... \$0.15

**Vick's Purple Rochester.** A deep rich purple..... .15

### Vick's Non-lateral Lavender Pink.

The entire strength of the plant is given to the production of six or eight immense, wonderfully double flowers which are held erect at all times by the stiff, semi-upright stems ..... .15

**Vick's White Perfection.** The finest mid-season White Aster in cultivation. The plants are extremely vigorous, with unusually broad dark green leaves and stout stems. They carry about twelve large flowers on long stems free from side branches... .15

**Vick's Pink Enchantress.** The plants are tall and strong, and the flowers are the size of those of the largest Branching Asters. The color is that of the popular "Pink Enchantress" Carnation. This color, although very delicate, does not fade..... .15

**Vick's Imperial Daybreak.** Flowers very large and double; color a shell pink. The plant flowers very early and is a continuous free bloomer. Height 15 to 20 inches..... .10 Per Pkt.

**Vick's Imperial Purity.** Similar to Daybreak in form and habit of growth; the blooms are pure white..... \$0.10

**Vick's Imperial Lavender.** The form of the flower the habit of the plant and the time of blooming are identical with Daybreak, but the color is a delicate lavender ..... .10

**Vick's Imperial Yellow.** A pale lemon yellow, flushed with pink..... .10

**Vick's Violet King.** The immense flowers are a rich violet purple..... .10

**Vick's Cardinal.** This variety is particularly adapted for bedding, owing to its free-blooming qualities and brilliant coloring..... .10

**Crego's Giant.** One of the finest varieties of asters, flowers very large, often five inches across, with long, stout stems. Keep longer in good condition when cut than any other variety. Bloom August and September.

**White.** Pure white..... .10

**Pink.** Delicate shell-pink..... .10

**Rose.** Rich deep rose ..... .10

**Lavender.** Deep lavender..... .10

**All Colors Mixed.**.....  $\frac{1}{8}$  oz. 50c. .10

**Truffaut's Peony-Flowered Perfection.** This variety has brilliant and showy assortment of colors.

**Finest Mixed.**.....  $\frac{1}{8}$  oz. 50c. .10



VICK'S LAVENDER ROCHESTER

**Sample's Branching.** The plant grows 18 inches high. The blossoms, which are large and full-petalled, are borne on long stems or branches; flowers late in the autumn.

**Lavender** ..... \$0.10

**Shell-Pink** ..... .10

**Pure White** ..... .10

**Finest Mixed.**.....  $\frac{1}{8}$  oz. 50c. .10

**Queen of the Market.** One of the earliest-blooming varieties. The plants are about 1 foot high, bearing from ten to fifteen finely formed flowers on long and graceful stems.

<b>White</b>	<b>Pink</b>	<b>Lavender</b>
<b>Crimson</b>	<b>Rose</b>	<b>Dark Blue</b>

Separate colors, or mixed colors, each, packet, .10

**Quilled German.** A showy class from 1½ to 2 feet high, with quilled flowers and branching habit.

**Mixed colors.**.....  $\frac{1}{8}$  oz. 25c. .05

**Giant Comet.** A fine variety, with large blossoms.

**Finest Mixed.**.....  $\frac{1}{8}$  oz. 30c. .10

**China Asters.** General Mixture. A mixture of many sorts and colors blooming from early in the summer to late in the fall.....  $\frac{1}{8}$  oz. 20c. .05



**Asparagus Plumosus Nanus.** A tender perennial for greenhouse or potted plant use, with long, fine, feathery foliage. . . . . \$0.15  
**Sprengeri.** Excellent plants for table decoration . . . . . 15

**Asperula Azurea Setosa.** Sweet-scented annual with light blue flowers. It will grow in shaded places; 1 ft. . . . . ¼ oz. 15c .05



BACHELOR'S BUTTON

BALM

**BACHELOR'S BUTTON.** Hardy annual of easy culture, one of the most attractive of all the old-fashioned flowers. Sow the seed where it is to remain and thin to six inches. Per Pkt.  
**Double Blue.** Fine dark blue. . . . . \$0.10  
**Rose** . . . . . .05  
**Pink** . . . . . .05  
**White** . . . . . .05  
**Finest Mixed.** . . . . . ½ oz. 15c. .05  
**Double Mixed Colors** . . . . . 10

**BALSAM.** A favorite garden flower, producing masses of beautiful, brilliant-colored, double flowers of easy culture; succeeds in a good rich soil; set the plants one foot apart; tender annuals; 2 feet. . . . . ½ oz. 25c.  
**Double Camellia-Flowered.** Finest mixed. . . . . 05  
**Double Rose-Flowered.** Finest Mixed. . . . . 05  
 . . . . . ¼ oz. 25c. .05  
**White Perfection.** Double pure white. . . . . 10

**BARTONIA AUREA.** A free-blooming, showy plant with large, golden-yellow flowers; 18 inches . . . . . 05

**BEANS, Flowering.** Popular ornamental climbers, 6 to 8 feet.  
**Scarlet Runner.** . . . . . 10  
**White Runner** . . . . . 10

**BEGONIA SEMPERFLORENS.** A variety adapted for house or outdoor culture; easily grown. Seed sown in February or March makes fine plants for bedding out in June. Height 8 to 12 inches.  
**Choicest Mixed.** . . . . . 25

**BEGONIA, Tuberous Rooted Varieties.** Very popular and showy plants for summer decoration or window gardening. Sow the seed indoors in February or March.  
**Single Choice Mixed.** . . . . . 15  
**Double Choice Mixed** . . . . . 25



BELLIS PERENNIS

**BELLIS PERENNIS (Double Daisy).** Sow the seed very early. The flowers are abundant in early spring and may be continued later by the use of water. Set about six inches apart in a cool border. Perennial.

Per Pkt.  
**Longfellow.** Large, rose-colored flowers. ½ oz. 50c. . . . . \$0.10  
**Snowball.** Large, double, pure white, with long, stiff stems. . . . . ½ oz. 50c. 10  
**Finest Mixed.** . . . . . ½ oz. 25c. 10

**SHASTA DAISY.** Fine, hardy perennial, producing large flowers which are very desirable for cutting. Height 2 feet.

**Alaska.** Pure white. Extra. . . . . 10

**BROWALLIA.** Very handsome, free-flowering plants. 1½ feet high.

**Elata.** Blue . . . . . 05

**Alba.** White . . . . . 05

**Mixed** . . . . . 05



CALENDULA

**CALENDULA.** Profuse-blooming, dwarf annuals; of easy culture and flowering until frost.

**Meteor.** Handsome, double and beautifully striped, the petals having a creamy center edged with orange-yellow. . . . . 05

**Prince of Orange.** Fine orange. Double. ½ oz. 20c. . . . . 05

**Mixed Varieties.** . . . . . ½ oz. 10c. 05

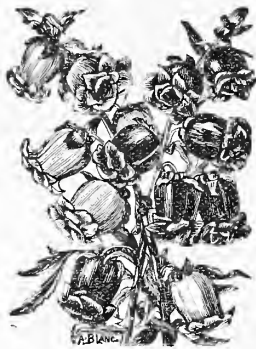
**CALLIOPSIS (or Coreopsis).** A hardy annual growing about 2 feet high, valuable for bright bedding effects or for cutting. Blooms from June until September.

**Drummondii.** Yellow, with maroon center. . . . . 05

**Cloth of Gold.** Flowers golden yellow. . . . . 05

**Nigra Speciosa.** Dark Maroon. . . . . 05

**Mixed.** Fine Varieties. . . . . ¼ oz. 10c. 05



CANTERBURY BELLS

**CANTERBURY BELLS.** Hardy biennials of rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted two feet apart and given some protection in severe winter weather; large bell-shaped flowers which are very effective. Height 2 to 4 feet.

Single Blue.....	\$0.05
Single White.....	.05
Single Rose.....	.05
Single, Fine Mixed.....	$\frac{1}{8}$ oz. 20c. .05
Double, Fine Mixed.....	$\frac{1}{4}$ oz. 20c. .05

**CANARY BIRD VINE.** Half-hardy, climbing annual, bearing an abundance of bright yellow, fringed flowers.....  $\frac{1}{2}$  oz. 15c. .05

**CALCEOLARIA.** A tender perennial, used largely in greenhouses and conservatories.

**Carter's Victoria Prize.** Mixed, all colors... .15

**CANDYTUFT.** A hardy annual of easy culture and valuable for bedding or massing.

**Giant Hyacinth Flowered.** Very large heads and long spikes of white flowers. 1 foot.  $\frac{1}{2}$  oz. 25c. .05

Empress. Pure white pyramidal; fine for forcing. 1 foot.....	.05
Crimson. 1 foot.....	.05
Purple. 1 foot.....	.05
Rose. 1 foot.....	.05
White. 1 foot.....	.05
Finest Mixed. 1 foot.....	oz. 15c., $\frac{1}{2}$ oz. 10c. .05
Little Prince. Dwarf, white. 6 inches.....	.10

**CANNA.** The Canna will bloom from seed the first year if the seed is sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

**Crozy's Varieties.** Mixed. New large-flowered and free-blooming sorts.....  $\frac{1}{2}$  oz. 20c. .10

**CATCHFLY.** Free-blooming, hardy plants of easiest cultivation, useful for beds and borders. 6 inches.

**Mixed Colors.....** .05

**CENTAUREA (Dusty Miller).** Half-hardy perennial, used for borders or edgings.

**Candidissima.** Silvery white foliage, deeply cut; about 1 foot high..... .10

**Gymnocarpa.** Leaves silver gray, with graceful, drooping habit.  $1\frac{1}{2}$  feet..... .10

**CHRYSANTHEMUM (Annual).** Summer-blooming annuals, growing 12 to 18 inches high, very effective for beds or cut blooms.

Single Mixed.....	.05
Double Mixed.....	.05

Per Pkt.

**CINERARIA.** Magnificent flowering plant for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across; are of white, blue, violet and crimson shades.

**Carter's Brilliant Prize.** Large flowering, choicest mixed.....\$0.25

**CLARKIA.** Beautiful, hardy annuals with rose-colored, white and purple flowers in very brilliant shades. About  $1\frac{1}{2}$  to 2 feet high and profuse bloomers.

Single Mixed.....	$\frac{1}{2}$ oz. 15c. .05
Double Mixed.....	$\frac{1}{2}$ oz. 15c. .05

**COBAEA.** A rapid-growing climber, with handsome foliage and large, bell-shaped flowers. half-hardy perennial. 20 ft.

**Scandens.** Purple .....  $\frac{1}{8}$  oz. 15c. .10

**COCKSCOMB.** Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants.

**Glasgow Prize.** Brilliant, deep purplish-red combs, dark foliage. Height about 1 foot..... .10

**Finest Dwarf Mixed. ....** .10

**COLEUS.** A tender perennial, growing about 10 to 18 inches high, and grown for its beautiful, bright-colored, velvety leaves.

**Mixed Hybrids.** Finest Mixed varieties..... .25

**COLUMBINE.** Well-known hardy perennials, bearing in great profusion, through May and June, exquisite flowers greatly varied in coloring; of easy culture, thriving best in dry soil and growing well in partial shade. 1 to 3 feet.

**Single, Mixed Colors .....** .05

**Double, Mixed Colors.....** .05

**CONVOLVULUS major (Morning Glory).** A handsome, showy climber of easy culture and suitable for covering windows, trellises, etc. The flowers are most brilliant in the morning and run through many shades from white to dark blue, red and striped. Hardy annuals 10 feet high.

**Finest Mixed.....**  $\frac{1}{4}$  lb. 30c., 1 oz. 15c. .05

**Imperial Japanese.** Handsome flowers of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, and striped

Oz. 15c.,  $\frac{1}{2}$  oz. 10c..... .05

**COSMOS.** A very effective flowering plant, quite hardy and rapid growing, forming bush-like plants 4 to 6 feet high and covered with large, single, dahlia-like flowers. Start in March and transplant to open ground about June first.

**Early Flowering, Mixed Colors ..**  $\frac{1}{4}$  oz. 25c. .10

“ “ **White .....**  $\frac{1}{4}$  oz. 25c. .10

“ “ **Pink .....**  $\frac{1}{4}$  oz. 25c. .10

“ “ **Crimson .....**  $\frac{1}{4}$  oz. 25c. .10

**Lady Lenox. Late Flowering.** Color, shell-pink. Plants strong and vigorous, growing 6 to 7 feet high .....  $\frac{1}{4}$  oz. 25c. .10

**CYPRESS VINE.** A summer, climbing annual with fine, feathery foliage and pretty, star-shaped flowers.

**Scarlet .....** .05

**Mixed .....** .05

**CYCLAMEN.** A tender perennial for greenhouses and window gardens. Easily grown from seed. Sow in August or September.

**Persicum Giganteum.** Choice mixed..... .50

**DIANTHUS or Pinks.** Hardy biennials that bloom the first season, remaining green all winter and blooming the next year also if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year. Seed can be sown under glass in the spring, or in an open, sheltered bed. The seedlings are easily transplanted. Average height, 1 foot.

**Chinese Double Mixed.** A mixture of brilliant coloring and marking.....\$0.05

**Heddewigi.** Very large-flowering, double, choicest mixed, extra fine strain..... .05

**Double Clove.** A hardy perennial pink, very fragrant, choice colors..... .10

**Plumarius (Grass Pink, or Pheasant-eye Pink).** A single hardy Pink, with fringed-edged, fragrant flowers, mixed colors ..... .05

**Marguerite, Giant Mixed.** The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. Those sown in the spring commence flowering in early summer and continue to bloom until checked by frost..... $\frac{1}{8}$  oz. 30c. .10

**Marguerite.** Dark red..... .10

**Marguerite.** White ..... .10

**Carter's Choice Double Mixed Carnation.** Beautiful variety, producing double flowers of various shades and colors. Seed saved from choicest double flowers..... .25

**DAHLIA.** A popular late summer and autumn flowering plant. The seed may be planted early in the hotbed and the plants set out in May after all danger of frost is over. By sowing the seed early the plants may be made to bloom the first year.

**Double Mixed**..... .10

**Single Mixed**..... .10

**DATURA.** Large, strong-growing plants, with large, trumpet-shaped flowers. 3 feet.

**Finest Mixed**..... .05

**DRACAENA.** Ornamental plants for vases, baskets and house decorations.

**Indivisa.** Narrow green leaves..... .10

**Veitchi.** Variegated foliage, brilliant colors... .15

**FEVERFEW.** Free-flowering annuals for bed, borders and pot culture.

**Double White**..... .05

**Golden Feather.** Very popular for edgings. 1 foot..... .05

**FRENCH HONEYSUCKLE (Hedysarum).** Very handsome, free-flowering plants; well adapted for borders or rock-work. Hardy perennial; 4 feet high.

**Scarlet** ..... .05

**Album.** White..... .05

Per Pkt.



ESCHSCHOLTZIA

**ESCHSCHOLTZIA (California Poppy).** The foliage is finely cut and has a bluish tinge, delicate and very attractive. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds can be sown where the plants are to bloom. Hardy annual; height, 1 foot.

**Californica.** Deep yellow, orange center. Oz. 15c.....\$0.05

**Mandarin.** Deep orange..... .05

**Carmine King.** Carmine-rose..... .10

**Mixed**.....Oz. 20c. .05



FORGET-ME-NOT

**FORGET-ME-NOT.** A hardy perennial, growing 6 to 12 inches high. Small, star-like flowers are borne in clusters on long stems. The plant is of easy culture and blooms the first year if seed is sown early.

**Indigo Blue.** Large, dark blue flowers.

$\frac{1}{8}$  oz. 15c..... .05

**Victoria.** Large flowers, bright azure blue; dwarf habit; fine for borders ..... $\frac{1}{8}$  oz. 15c. .10

**Fine Mixed** ..... $\frac{1}{8}$  oz. 15c. .05

**GAILLARDIA.** Very showy plants with brilliant flowers. Hardy annuals and perennials, 1 to 1½ feet high.

**Double Mixed.** Annual..... $\frac{1}{4}$  oz. 20c. .05

**Finest Mixed.** Perennial..... $\frac{1}{4}$  oz. 15c. .05

**GLOBE AMARANTH.** Globe-shaped, everlasting flowers. If cut when well matured, will retain their beauty through the winter. Tender annuals; 12 to 18 inches high.

**Fine Mixed**..... .05





FOXGLOVE

Per Pkt.

**FOXGLOVE.** The Foxgloves are highly ornamental plants. They are fine for the mixed border or planted singly in half-shady places near a walk or drive. The spikes of flowers are often two feet in length, containing scores of the prettily-spotted, thimble-shaped flowers. Perfectly hardy. Sow seed in spring in the garden and transplant as desired. Perennial. Mixed varieties..... $\frac{1}{4}$  oz. 20c. \$0.05

**GOURDS.** Ornamental, rapid-growing, trailing annuals, with curiously-shaped, highly-colored fruits. Cultivate the same as melons or squashes; 10 to 20 feet.

<b>Dipper or Calabash</b> .....	.05
<b>Hercules' Club.</b> Club-shaped. 4 feet long..	.05
<b>Egg-shaped.</b> Fruit white like an egg.....	.05
<b>Orange-shaped (Mock Orange)</b> .....	.05
<b>Bottle-shaped</b> .....	.05
<b>Pear-shaped.</b> Striped, very showy.....	.05
<b>Luffa (Dish-cloth or Bonnet Gourd)</b> .....	.05
<b>Sugar Trough</b> .....	.05
<b>Mixed Varieties</b> ..... $\frac{1}{2}$ oz. 15c.	.05

**GRASSES (Ornamental).** Ornamental grasses serve the double purpose of rendering the mixed flower bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets.

<b>Avena Sterilis (Animated Oats).</b> Drooping, very graceful. Annual. 2 feet.....	.05
<b>Briza Maxima (Quaking Grass).</b> Very pretty. Annual. $1\frac{1}{2}$ feet.....	.05
<b>Coix Lacryma (Job's Tears).</b> Grows 2 feet high.....	.05
<b>Eulalia Japonica.</b> One of the most beautiful of the tall-growing grasses. 5 feet.....	.10
<b>Gynerium Argenteum (Pampas Grass).</b> The finest ornamental grass in cultivation. Half-hardy perennial. 10 feet.....	.10
<b>Hordeum Jubatum (Squirrel Tail Grass).</b> Annual.....	.05
<b>Stipa Pennata (Feather Grass).</b> One of the prettiest and most interesting. Perennial. 2 feet.....	.05

**GLOXINIA.** Greenhouse perennial plants, producing soft, velvety green leaves and rich, beautifully colored flowers.  
**Carter's Invincible Prize.** Superb mixture.. .25

**GODETIA.** Beautiful garden plants, having large, delicately shaded blossoms. Easily cultivated in garden soil. Hardy annual; about 1 foot high.  
**Finest Mixed**..... .05

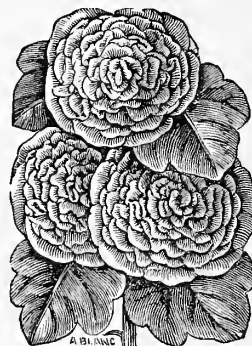
**GYSOPHILIA.** Free-flowering, elegant plants, succeeding in any garden soil.  
**Elegans.** A hardy annual, large white flowers. \$0.05  
**Paniculata (Baby's Breath).** Fine for bouquets; white flowers. Perennial..... .10

**HELICHRYSUM.** The well-known Everlasting Flower. It is everywhere prized for winter decoration. Hardy annual.  
**Finest Double Mixed**..... .05



HELIOTROPE

**HELIOTROPE.** This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding.  
**Queen Marguerite.** Bears immense clusters of large deep dark-blue flowers. Very fragrant.. .10  
**Finest Mixed**..... .10



HOLLYHOCK

**EVERBLOOMING ANNUAL HOLLYHOCK.**

Hardy annuals, blooming the first season.	
<b>Single Mixed</b> .....	.10
<b>Double Mixed</b> .....	.10
<b>Allegheny.</b> A semi-double, fringed variety.	
<b>Finest Mixed</b> ..... $\frac{1}{4}$ oz. 25c.	.10

**HOLLYHOCK. (Perennial)** Plants of upright, stately growth, 5 to 8 feet high. The double varieties are the most desirable. Very effective when planted in long rows with a background of shrubbery.

<b>Chater's Double Crimson</b> ..... $\frac{1}{8}$ oz. 30c.	.10
<b>Chater's Double Pink</b> ..... $\frac{1}{8}$ oz. 30c.	.10
<b>Chater's Double Yellow</b> ..... $\frac{1}{8}$ oz. 30c.	.10
<b>Chater's Double White</b> ..... $\frac{1}{8}$ oz. 30c.	.10
<b>Chater's Double Rose</b> ..... $\frac{1}{8}$ oz. 30c.	.10
<b>Chater's Double Scarlet</b> ..... $\frac{1}{8}$ oz. 30c.	.10
<b>Chater's Double Mixed</b> ..... $\frac{1}{8}$ oz. 30c.	.10

**HONESTY (Satin Flower).** The flat, silvery seed pods are used for winter decoration. Very handsome, free-flowering. Hardy biennial. 2 feet ..... Per Pkt. \$0.05

**HUMULUS JAPONICUS (Japanese Hop).** Fast-growing, annual climber. 12 feet..... .05

**HYACINTH BEAN.** Tender, climbing annual. Grows rapidly and is valuable for covering a trellis. The shining purple seed pods are very ornamental. Tender annual, growing 6 to 8 feet. Finest Mixed..... 1/2 oz. 20c. .05

**ICE PLANT (Mesembryanthemum Crystal-linum).** A pretty, half-hardy annual, with delicate, succulent, almost transparent branches and leaves. Useful for baskets, vase work, and rockeries. .... .05

**KOCHIA TRICOPHYLLA (Summer Cypress).** A splendid ornamental annual plant, forming dense oval bushes 2 to 2½ feet high, of small, feathery, light green foliage. As summer advances, this changes to a carmine hue and finally to a fiery red. A very attractive plant. .... .05

**Kudzu Vine or Jack-and-the-Bean-Stalk.** A fast growing hardy perennial vine, growing 8 to 10 feet the first year, from seed. The foliage is large; it bears clusters of pea-shaped flowers. .... .10

**LANTANA.** Very rapid-growing, free-flowering plants that bloom through the latter part of summer and autumn. The plants form small shrubs, producing in abundance clusters of single, fragrant flowers that continually change color. Finest French Hybrids Mixed..... ¼ oz. 25c. .10

**LARKSPUR.** (Delphinium). Very ornamental plants, producing, in great variety of form and colors, some of the most beautiful flowers in cultivation. Double Dwarf Rocket. 1 foot in height. Mixed colors..... ¼ oz. 10c. .05 Stock-Flowered. Double, branching; fine for cutting. 2 feet. Mixed colors..... ¼ oz. 20c. .05 Formosum. Deep blue perennial, 3 feet .... .05 Double Hybrids, Finest Mixed. Perennial, 3 feet..... .10

**LAVATERA (Mallow).** Beautiful hardy annuals covered the entire summer with saucer-shaped flowers. The seed may be sown where they are to bloom. Height 2 to 3 feet. Pink ..... .05 White ..... .05 Semi-Dwarf Mixed..... ¼ oz. 15c. .05

**LAVENDER.** Chiefly cultivated for the delicious and lasting fragrance of its flowers; succeeds in any common garden soil. Perennial. ¼ oz. 20c. .05

**LINUM Grandiflorum Rubrum (Scarlet Flax).** A beautiful and effective plant of slender and delicate growth, having a profusion of bright flowers. Hardy annual; about 1½ feet high... .05

**LOBELIA.** The dwarf varieties are very useful for edging, and the trailing varieties for hanging baskets and window-boxes. Erinus gracilis. Blue trailing..... 1/8 oz. 15c. .05 White Gem. Snow-white flowers.... 1/8 oz. 15c. .05 Crystal Palace Compacta. 6 inches. Dark blue bedding variety..... 1/8 oz. 40c. .05



LOPHOSPERMUM

**LOPHOSPERMUM SCANDENS.** An ornamental annual climber, growing 10 to 12 feet long, with showy, purplish-rose blossoms resembling Fox-gloves ..... Per Pkt. \$0.10

**LOVE-IN-A-MIST.** A hardy annual, 1 foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture. Mixed. Blue and white shades..... .05

**LOVE LIES BLEEDING.** Light yellowish green foliage; long, drooping, crimson flower spikes. Plant 3 to 4 feet high. Hardy annual..... .05



LUPINS

**LUPINS.** Annual. Showy plants, with long spikes of bright-colored flowers. Used extensively for bedding and for cutting. Height 2 feet. Pink Beauty. Tall spikes of an exquisite shell-pink color..... ½ oz. 25c. .10 Blue ..... .05 Rose Pink..... .05 White ..... .05 Yellow ..... .05 Mixed, All colors..... 1 oz. 40c. .05

**MALOPE.** Free-blooming, hardy annuals suitable for mixed borders and fine for cutting. Height 3 feet. Grandiflora Mixed..... .05

**MARVEL OF PERU.** The flowers of this old-fashioned favorite open about four o'clock in the afternoon and fade the next morning. 2 feet high, with bright foliage and fragrant flowers of desirable colors. Set plants 2 feet apart; makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. Mixed colors ..... oz. 15c. .05



**MARIGOLD (Tagetes).** A hardy annual plant, in dwarf and tall varieties, growing from 6 inches to 2 feet high; foliage bright green, deeply cut and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. Seeds can be sown in a cold frame or in the open border, and the plants transplanted late in the spring to where they are to remain.

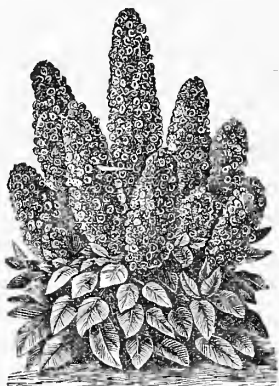
#### DOUBLE AFRICAN VARIETIES

**Orange Quilled.** A double variety with quilled petals; flowers showy, bloom very early;  $\frac{1}{4}$  oz. 15c. **\$0.05**  
**Lemon Queen.** Large, lemon-colored flowers. .05  
**Finest Mixed.** .....  $\frac{1}{2}$  oz. 15c. .05  
**Dwarf Mixed.** 1 foot. ....  $\frac{1}{2}$  oz. 15c. .05

#### FRENCH VARIETIES

**Tall Double Mixed.** .....  $\frac{1}{2}$  oz. 15c. .05  
**Dwarf Double Mixed.** .....  $\frac{1}{2}$  oz. 15c. .05  
**Gold Striped.** Double variety, brilliantly marked and striped. 1 ft. ....  $\frac{1}{4}$  oz. 15c. .05  
**Legion of Honor.** A single, dwarf variety, desirable for borders; rich golden-yellow flowers with garnet blotches in center of each petal. .... .05

**MAURANDIA.** Graceful climber for greenhouse, basket or outdoor purposes. The vines are covered with rich purple, white or rose-colored foxglove-shaped blossoms. Tender perennial, blooming the first season. Usually about 6 feet high.  
**Fine Mixed.** ..... .10



MIGNONETTE

**MIGNONETTE (Reseda).** A hardy annual, growing 6 to 12 inches high and bearing pyramidal-shaped flower spikes, which are exceedingly fragrant. Grows easily from boxes or sown out in the garden and thinned to 4 or 6 inches. Valuable for potting, for bedding or for border.

**Large Flowered.** Very sweet. .... Oz. 25c. .05  
**Goliath.** A giant, red-flowered variety richly scented .....  $\frac{1}{4}$  oz. 50c. .10  
**Defiance.** Immense spikes 12 to 15 inches long, very fragrant. ....  $\frac{1}{4}$  oz. 20c. .10  
**White Pearl.** Long spikes of fragrant white flowers. ....  $\frac{1}{8}$  oz. 25c. .10

**MOONFLOWER.** A beautiful vine which grows very rapidly, attaining a height of 50 feet in a season, producing flowers 3 to 4 inches across. Blossoms evenings and cloudy days. Soak the seeds in warm water 24 hours before planting.  
**Grandiflora Alba.** Large white flowers.  $\frac{1}{2}$  oz. 25c. .... .10  
**Giant Pink.** Soft lilac-pink flowers,  $\frac{1}{2}$  oz. 25c. .10

**MOURNING BRIDE (Scabiosa).** A very showy free-flowering plant, producing a great profusion of beautiful and richly-colored flowers. Beautiful in the garden and excellent for bouquets. 12 to 18 inches high. Annual.

**The Fairy.** Fine azure-blue. .... \$0.05  
**Snowball.** White. .... .05  
**Cherry-Red** ..... .05  
**Rose-Pink.** ..... .05  
**Black-Purple** ..... .05  
**Large Flowering Double, Mixed.**  $\frac{1}{4}$  oz. 20c. .05

**MIMULUS (Monkey Flower).** Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.

**Mixed Spotted Varieties.** ..... .10

**MUSK PLANT.** Fragrant plant, with small yellow blossoms, spotted lightly with brown. .... .10



NASTURTIIUM

## NASTURTIIUM

A popular flower which is in constant bloom throughout the season, making a better display than almost any other plant. New colors are being developed, and in our list will be found all the best varieties that have been introduced.

Nasturtiums are of the easiest culture and require very little care after the seed is sown, merely weeding and the seed-balls picked off. If these are permitted to mature, the beauty of the plant is soon lost. Plant the seed one inch deep in moderately good soil. The tall sorts are specially adapted for covering unsightly fences or trailing over rocks and rough ground. Hardy annual.

#### DWARF VARIETIES

Of dwarf, compact growth; bloom in two months from sowing and most profusely the whole season. Height 1 foot.

<b>Aurora.</b> Light reddish-orange, veined with carmine. ....	Pkt. .05	Oz. .15	$\frac{1}{4}$ lb. .40
<b>Beauty.</b> Scarlet and yellow. ....	.05	.15	.40
<b>Chameleon.</b> Mottled crimson, bronze and yellow. ....	.05	.15	.40
<b>Crimson</b> ..... .05	.05	.15	.40
<b>Crystal Palace Gem.</b> Sulphur-yellow spotted with carmine. ....	.05	.15	.4
<b>Empress of India.</b> A splendid variety, with dark leaves and crimson flowers. ....	.05	.15	.40



## DWARF NASTURTIIUM—Con.

	Pkt.	Oz.	¼ lb.
<b>Golden Cloth.</b> Golden yellow leaves, scarlet flowers....	.05	.15	.40
<b>Golden King.</b> Golden yellow	.05	.15	.50
<b>Golden Midnight (new).</b> The foliage is a light yellowish-green, while the flowers are of such a dark maroon as to seem almost black....	.10	.20	.50
<b>King of Tom Thumbs.</b> Dark foliage, scarlet flowers....	.05	.15	.40
<b>King Theodore.</b> Intensely dark crimson or chocolate	.05	.15	.40
<b>Lady Bird.</b> Yellow and red spotted .....	.05	.15	.40
<b>Pearl.</b> Creamy white.....	.05	.10	.40
<b>Prince Henry.</b> Cream, marbled scarlet.....	.05	.10	.40
<b>Queen of Tom Thumbs.</b> Variegated foliage, bright crimson flowers.....	.05	.15	.50
<b>Rose.</b> Rose Pink.....	.05	.10	.40
<b>Ruby King.</b> Crimson rose..	.05	.10	.40
<b>Scarlet.</b> Brilliant scarlet flowers.....	.05	.10	.40
<b>Vesuvius.</b> Salmon rose, dark foliage...	.05	.15	.40
<b>Extra Choice Mixture.</b> 1 lb. \$1.40, ¼ lb. 40c., 2 oz. 20c., oz. 15c.....		.05	
<b>Collection of Six Varieties.</b> Our selection .....		.20	

### TALL OR CLIMBING VARIETIES

Height, 10 to 12 feet.	Pkt.	Oz.	¼ lb.
<b>Coccineum.</b> Scarlet.....	.05	.10	.40
<b>Dark Crimson.</b> .....	.05	.10	.40
<b>Dunnett's Orange.</b> Deep Orange....	.05	.10	.40
<b>Edward Otto.</b> Brownish lilac.....	.05	.10	.40
<b>Hemisphaericum.</b> Orange-salmon and scarlet .....	.05	.10	.40
<b>King Theodore.</b> Dark red, extra fine..	.05	.10	.40
<b>Jupiter.</b> Very large, deep golden-yellow flowers; very large foliage and strong growing; free-blooming.....	.05	.15	.50
<b>Pearl.</b> Creamy white.....	.05	.10	.40
<b>Prince Henry.</b> Light yellow, marbled with scarlet.....	.05	.10	.40
<b>Scheuerianum.</b> Straw-color, brown striped.....	.05	.10	.40
<b>Scheuerianum Coccineum.</b> Scarlet striped.....	.05	.10	.40
<b>Schillingi.</b> Bright yellow, blotched with maroon.....	.05	.10	.40
<b>Vesuvius.</b> Brilliant salmon-rose, dark leafed .....	.05	.10	.40
<b>Yellow.</b> .....	.05	.10	.40
<b>Extra Choice Mixture.</b> 1 lb. \$1.35, ¼ lb. 35c., 2 oz. 20c., oz. 10c.....		.05	
<b>Collection of six varieties, our selection</b> .....		.20	

**NEMOPHILA.** A hardy annual, growing about 6 inches high; has small, cup-shaped blossoms in white and shades of blue.

**Mixed** ..... Per Pkt. \$0.05

**NEMESIA STRIMOSA SULTONI.** Free-blooming plants for pot culture and open border. Sow the seed in March under glass or sow out of doors in May. Hardy annual. 1 foot. Blue, lilac, and white flowers.....

**NICOTIANA.** Showy plants with slender, tall, flowering stems and fragrant flowers; half-hardy annuals. About 3 feet high.

**Affinis.** White and very fragrant..... .05

**Mixed Hybrids.** All colors..... .10

**Sanderæ.** Flowers handsome carmine-red, very fragrant; hardy annual, easily grown .....

**NIEREMBERGIA GRACILIS.** Tender perennial. Suitable for house culture, or may be treated as a tender annual. Fine for baskets, vases, etc. Light blue, saucer-shaped flowers..... .10



## PANSY

Pansies thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms. If sown in the spring, get it in as early as possible, so as to secure flowers during the early rains. Seeds sown in a cool place in May or June, and well watered until up, will produce fall-flowering plants. To have good flowers, the plants must be vigorous and make a rapid growth; use manure liberally.

Per Pkt.

**Bugnot's Giant Spotted.** Very large flowers and beautiful colors..... ½ oz. \$1.00 \$0.15

**Giant Odier, Five-spotted White.** Flowers large and perfectly round; the most attractive of all white pansies..... .15

**Giant Odier, Five-spotted Golden-Yellow.** Flowers extra large, perfectly round and exceedingly attractive; the most beautiful of all yellow pansies..... .15

**Masterpiece.** These pansies have a most beautiful combination of rich, velvety coloring and attractive wavy or ruffled petals..... ½ oz. \$1.00 .15

**Mastodon.** A wonderful strain of this popular flower. Will produce enormous blooms in all the richest colorings and markings..... .25

**Odier or Blotched.** A very showy variety, with dark blotches on the petals .....

**Orchid-flowered Mixed.** A distinct strain of pansies, showing combinations of colors including terra-cotta, pink, orange, lilac and rose. ½ oz. \$1.00..... .15

**Parisian Large Flowered Striped.** Extra large flowers..... .15

**Triumph of the Giants.** Immense flowers of great brilliancy..... .15

**Adonis.** Light blue..... ½ oz. 25c. .10

**Atropurpurea.** Dark blue ..... ½ oz. 25c. .10

**Golden Queen.** Pure Yellow ..... ½ oz. 25c. .10

**King of the Blacks.** Velvety black .... ½ oz. 25c. .10

**Lord Beaconsfield.** Purple and lavender. ½ oz. 25c. .10

**Snowflake.** Pure white ..... ½ oz. 35c. .10

**"A., S. & L."** Choice mixed..... ½ oz. 75c. .10

**Fine Mixed.**..... ½ oz. 20c. .05



FRINGED PETUNIA

**PETUNIA.** Free-flowering and easily cultivated; well-known favorites. They thrive in almost any soil and produce a brilliant array of color throughout the season. The seed will germinate with little difficulty if a reasonable amount of care is used in sowing. Be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board, and cover very lightly with fine soil.

Per Pkt.

**Large-Flowered Single, Fringed.** Choice mixed .....\$0.25

**Large-Flowered Double, Fringed.** Choice mixed ..... .25

**Giants of California.** Flowers very large, and deeply fringed. A variety of colors. .... .25

**Ruffled Giants.** Flowers of enormous size, with ruffled edges and brilliant colors. .... .25

**Howard's Star.** A beautiful free-flowering strain, color a rich, dark crimson, with five-pointed white star ..... .10

**Pure White.** ..... ¼ oz. 25c. .10

**Choice Mixed.** Striped and blotched. ¼ oz. 50c. .10

**Fine Mixed.** All colors. .... ¼ oz. 25c. .05

**PASSION FLOWER (Passiflora).** A half-hardy perennial climber, bearing attractive blue fringed flowers. Height 10 to 15 feet. .... .10

**PRINCE'S FEATHER.** Tall spikes of red flowers. 3 feet. .... .05

**OXALIS.** Beautiful small plants suitable for the greenhouse, rock work or outdoor culture, flowering the first year; half-hardy perennials; 9 inches.

**White and Pink Mixed.** ..... .10

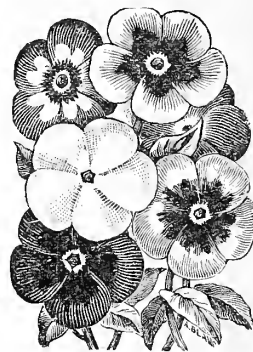
### FREE DELIVERY

To any address in the United States on all Flower Seeds by the packet, ounce, half-pound, and pound.

Per Pkt.

**POLYANTHUS (Primula Elatior).** Early spring free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

**Fine Mixed.** .....\$0.10



PHLOX DRUMMONDI

**PHLOX DRUMMONDI.** A hardy annual, bearing beautiful and brilliantly colored flowers. For brilliant effect and continuous blooming in the flower garden the Phlox cannot be surpassed. Excellent for masses of separate colors or for bouquets. Height 1 foot.

**Alba Pura.** Pure White. .... .05

**Alba Occulata.** Dark Purple, white eye. .... .05

**Brilliant.** Bright scarlet. .... .05

**Finest Mixed.** Best large-flowered varieties. ¼ oz. 25c. .... .05

**Finest Mixed Dwarf.** ..... .10

**Decussata (Perennial).** Finest mixed. .... .10

**PORTULACA.** The plants are of low growth and spreading habit. The flowers of the double varieties are like small roses, and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower. Annual.

**Finest Double Mixed.** ..... ¼ oz. 50c. .10

**Finest Single Mixed.** ..... ¼ oz. 15c. .05

**Single Rose.** ..... .05

**Single Scarlet.** ..... .05

**Single White.** ..... .05

**Single Yellow.** ..... .05

**POPPY (Papaver).** The seed should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Thin 6 to 10 inches apart. If left thick the plants will be weak and the blossoms inferior. The Shirley is beautiful for cutting.

**Admiral.** White, with broad, brilliant scarlet band, very effective. .... ¼ oz. 20c. .10

**Shirley.** The most beautiful type of poppies, having soft foliage and an immense variety of single blossoms in white, pink, lavender, purple, shades of red and scarlet; the best and most showy of all single poppies. .... ½ oz. 20c. .05

**Danebrog.** Large flowers of brilliant scarlet, with a silver spot on each of the petals. ¼ oz. 15c. .... .05

**Tulip.** Dazzling scarlet tulip-shaped flowers. ¼ oz. 15c. .... .05



## POPPY—Continued

### DOUBLE ANNUAL POPPIES

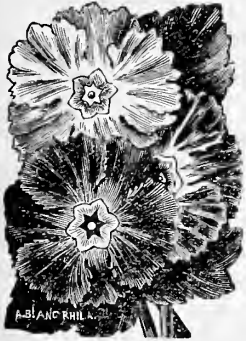
Per Pkt.

- Paeony Flowered.** Large, showy flowers, with broad petals; colors range from white to pink, carmine, scarlet, crimson and maroon.  
 $\frac{1}{2}$  oz. 10c. .... \$0.05
- Carnation, Double Mixed.** Large, showy, double flowers of various colors. ....  $\frac{1}{2}$  oz. 20c. .05
- Carnation, Large Double.** Scarlet  $\frac{1}{2}$  oz. 20c. .05
- White Swan.** Pure white, fringed.  $\frac{1}{2}$  oz. 20c. .05

### PERENNIAL POPPIES

- Orientele.** One of the most striking and showy of the garden perennials; flowers large brilliant crimson with a black blotch on each petal. .... 10
- Iceland.** Brilliant colors. Blooms first year from seed. ....  $\frac{1}{8}$  oz 15c. .05

## Primula—Chinese Primrose



PRIMULA

**PRIMULA (Chinese Primrose).** A beautiful flowering plant for winter decoration in the home or conservatory. Sow the seed in well-drained shallow pans, from April to the last of July, to insure flowering the following winter. Use finely sifted leaf mold, loam and sand in equal parts.

- Sinensis (Alba Magnifica).** Pure white. .... \$0.25
- Sinensis (Coccinea).** Bright red. .... .25
- Sinensis.** Double white. .... .50
- Sinensis.** Double fringed. Choicest mixed. .... .50
- Sinensis Fimbriata.** Fringed varieties. Choice mixed. .... .25

**RICINUS (Castor Oil Bean).** A half-hardy annual, growing from 6 to 15 feet high and bearing large, green, deep purple and brown leaves, and bright orange and scarlet flowers. Of the easiest culture. Fine for lawns, massing or center plants for beds.

Per Pkt.

- Borboniensis.** Green foliage; 15 feet. .... Oz. 15c. \$0.05
- Cambodgensis.** Dark maroon; stems black; 6 to 8 feet. .... Oz. 15c. .05
- Gibsoni.** Deep red foliage; 5 feet. .... Oz. 15c. .05
- Sanguineus.** Red stems and seeds; 8 feet. Oz. 15c. .05
- Philippinensis.** A variety from the Philippines; gigantic purple foliage; 10 feet. .... Oz. 15c. .05
- Zanzibarensis Mixed.** A very large-leaved variety, light and dark green and bronze, foliage; 10 to 12 feet. .... Oz. 15c. .05
- Mixed Varieties** .... Oz. 10c. .05

ORDER EARLY TO AVOID DISAPPOINTMENT

- RHODANTHE.** Fine for garden. Comes into flower early and continues a long time. One of the best everlastings for bouquets.  
**Fine Single Mixed.** .... \$0.05

- ROSE CAMPION.** Fine scarlet flowers; 2 feet.  
 Hardy perennial. .... .05

- RUDBECKIA (Cone-Flower).** Robust-growing plants, very popular for border decoration.  
**Bicolor Superba.** Bright yellow with black purple center; 3 feet. Annual. .... .05

- SALVIA.** Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May. Bloom from July to frost. Set plants 1 foot apart. Half-hardy annual.

- Bonfire.** Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia for bedding. 2 feet. ....  $\frac{1}{8}$  oz. 50c. 10

- Globe of Fire.** A new variety. It is the earliest and longest blooming of all. Plants not over 18 inches high and of very even growth. .... 20

- Splendens.** Bright scarlet flower-spikes;  $2\frac{1}{2}$  feet. ....  $\frac{1}{8}$  oz. 50c. 10

- Zurich.** The earliest blooming variety; the plants are dwarf and compact, producing brilliant scarlet flowers. 1 foot. ....  $\frac{1}{8}$  oz. 75c. 15

- Patens.** Bright blue, extra large flowers.  $1\frac{1}{2}$  to 2 feet. .... 10



SALPIGLOSSIS

**SALPIGLOSSIS.** Very showy bedding or border plants with richly-colored flowers, which are purple, scarlet, crimson, yellow, buff, blue or almost black, beautifully marbled and pencilled. Hardy annual, 2 feet.

Per Pkt.

- Grandiflora.** Special mixture. ....  $\frac{1}{8}$  oz. 40c. \$0.10
- Emperor.** Finest Mixed. Very large flowers.  $\frac{1}{8}$  oz. 40c. .... 10

- SCHIZANTHUS.** Hardy annuals, growing  $1\frac{1}{2}$  to 2 feet high, and covered with bright, showy, butterfly-like blossoms. Mixed. Large flowering. .... .05

- SENSITIVE PLANT.** Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken;  $1\frac{1}{2}$  feet. .... .05

- SMILAX.** A climbing perennial, with beautiful bright-green, glossy leaves, much esteemed for its long, delicate sprays of foliage. Largely used for decorating. It requires strings or wires to climb on. .... 10

- SWEET SULTAN.** Large, sweet-scented flowers on long stems, fine for cutting. 2 feet.

- White** .... .05
- Pink, White Center** .... .05
- Dark Blue** .... .05
- Light Blue** .... .05
- Finest Mixed** .... .05



## SWEET PEAS

The popularity of Sweet Peas is demonstrated by the many and beautiful varieties that are introduced each year. Our list includes all the best up-to-date varieties.

Sow as early as the ground can be prepared in a deep, rich moist soil, in drills 6 inches deep, covering about 2 inches deep. As the vines grow, fill up the trenches with soil and thin out to about 4 or 5 inches apart. A popular plan at the present time is to sow in double rows with a trellis or a row of brush between.

### SPENCER VARIETIES

The Spencers have very large waved flowers which are produced abundantly on long, strong stems, and are most desirable for cutting.

**America Spencer.** Red flakes on white ground. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Apple Blossom Spencer.** Standard bright rose, wings primrose with a flush of rose tint. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Asta Ohn.** The best lavender spencer, very large and wavy. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c.

**Aurora Spencer.** White, with stripes and flakes of orange-pink. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Captain of the Blues Spencer.** Deep blue. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Countess Spencer.** The original giant-flowered Spencer. Clear Pink. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Dainty Spencer.** White with rose-pink edges. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c.

**Dobbie's Cream.** The finest primrose-yellow. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 90c.

**Edith Taylor.** Salmon rose. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Florence Nightingale.** Large, bluish lavender. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c.

**Geo. Herbert.** A large Spencer rose-crimson. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Helen Lewis.** Orange-pink with bright orange standard. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**King Edward.** The best pure red Spencer, very large. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**King Manoel.** Largest deep, maroon. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 90c.

**King White.** The grandest of all White Sweet Peas. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

**Margaret Atlee.** A rosy salmon-pink on a creamy buff ground; a rich, soft color, and extremely attractive. Pkt. 10c. oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.

**Margaret Madison.** A perfect Spencer of delicate azure blue. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.

**Marie Corelli.** Rose-Carmine. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Mary Garden.** Bright cream rose-pink; inclined to double. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Mrs. Hugh Dickson.** Buff, apricot and rose. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Mrs. Routzahn.** Straw-color tinted with blush pink. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**New Miriam Beaver.** A bright apricot pink on a primrose ground. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Othello Spencer.** Deep, rich maroon. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Primrose Spencer.** Clear primrose-color. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Thomas Stevenson.** Bright orange scarlet. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

**White Spencer.** Pure white. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**Superb Spencer Mixed.** A splendid mixture of true Spencer types only. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

Six 5c. pkts. Sweet Peas for 20c.; seven 10c. pkts. for 50c. postpaid.



MARGARET ATLEE  
Giant Flowered Spencer. Life size, as grown by ordinary culture

### Grandiflora—(Large Flowered)

These have large handsome flowers, but the petals are not waved like the Spencer varieties.

Price of any of the following varieties: Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.,  $\frac{1}{2}$  lb. 40c., lb. 79c.

One quarter of a pound of seed will sow fifty feet.

**America.** Bright red striped on white.

**Aurora.** Orange rose striped on white.

**Apple Blossom.** Shaded pink and white.

**Black Knight.** Deep Maroon.

**Blanche Burpee.** Large, pure white.

**Blanche Ferry.** Pink and white.

**Coccinea.** Cherry-red.

**Countess of Radnor.** Pale lavender.

**Dainty.** White with pink edge.

**Dorothy Eckford.** Fine pure white, large.

**Duke of Westminster.** Purple, tinted with violet.

**Emily Henderson.** White, large size.

**Flora Norton.** Bright blue with tint of purple.

**Hon. Mrs. E. Kenyon.** Primrose-yellow.

**Janet Scott.** Deep bright pink.

**Katherine Tracy.** Brilliant Pink, large flowering.

**King Edward VII.** Crimson scarlet, very large.

**Lady Grisel Hamilton.** Lavender.

**Lord Nelson.** Deep navy blue.

**Lovely.** Soft shell pink; large flowering.

**Miss Wilmott.** Orange pink; very large flowering.

**Prima Donna.** Soft clear pink.

**Queen Alexandra.** Brilliant scarlet.

**"A., S. & L." SPECIAL MIXTURE.** This mixture is made up by ourselves from the best named varieties and cannot fail to give satisfaction. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.,  $\frac{1}{2}$  lb. 40c., lb. 79c.

### EARLY FLOWERING SPENCERS

**Early Heather Bell.** Mauve lavender.....Pkt. 25c.

**Early Morning Star.** Orange scarlet....." 25c.

**Early Snow Flake.** Pure white....." 25c.

**Early Song Bird.** Pale blush pink....." 25c.

**Early Spring Maid.** Light cream pink....." 25c.

**Yarrowa.** Rose pink.....Oz. 75c. " 15c.



TEN WEEKS STOCKS

**STOCKS.** Hardy annuals, 2 feet high, with spikes densely covered with beautiful double flowers of almost every desirable tint. Seeds may be sown in the open ground, hotbed or cold frame, but transplanting should be done when the plants are just out of the seed leaf. Make the soil deep and rich, and set the plants a foot apart.

#### LARGE-FLOWERING TEN WEEKS

The best variety for bedding out for summer blooming, producing a large percentage of double flowers.

	Per Pkt.		Per Pkt.
<b>Blood Red</b> .....	\$0.10	<b>Light Blue</b> .....	\$0.10
<b>Canary Yellow</b> ..	.10	<b>Rose</b> .....	.10
<b>Flesh Color</b> .....	.10	<b>White</b> .....	.10
<b>Mixed Colors</b> .....	1/8 oz. 50c.		.10
<b>Dresden Perpetual.</b> (Cut-and-Come-Again or Princess Alice). Pure white. Plants of robust growth and branching habit. Fine for cutting.			
	1/4 oz. 75c.		.10

#### EARLY, LARGE-FLOWERING WINTER STOCKS

	Per Pkt.
<b>Beauty of Nice.</b> Strong spikes, with large flowers of a delicate flesh pink .....	\$0.10
<b>Queen Alexandra.</b> Soft rosy lilac, similar to preceding .....	.10
<b>SUNFLOWER (Helianthus).</b> Hardy annuals, growing from 3 to 6 feet high. Of the easiest culture and suitable for a stately row or background. Plant in light or sandy soil.	
<b>Californicus fl. pl.</b> Splendid variety, with magnificent heads of double orange flowers. 5 feet. Oz. 20c.....	.05
<b>Miniature.</b> Small, single, rich yellow flowers, with black center. 4 feet.....Oz. 20c.	.05
<b>Sutton's Red.</b> Single large red flowers, shading to yellow at tips of petals. 6 ft.....	.10
<b>Mammoth Russian.</b> Large yellow. Oz. 5c.	

**SWEET WILLIAM.** An old-fashioned plant, producing large heads of beautifully colored, sweet-scented flowers. It is hardy and easily grown. Hardy perennial. 1 1/2 feet.



SWEET WILLIAM

	Per Pkt.
<b>Holborn Glory.</b> Large flowers of the most beautiful shades .....	1/4 oz. 25c. \$0.05
<b>Auricula-Flowered.</b> Single varieties, mixed. ....	1/4 oz. 25c .05
<b>Pink Beauty.</b> Rose pink.....	1/4 oz. 25c. .05
<b>Double Varieties.</b> Mixed.....	1/4 oz. 25c. .05
<b>SWEET ROCKET.</b> Fragrant, hardy perennial, growing freely in ordinary soils.	
<b>Mixed.</b> Purple and white.....	.05
<b>TASSEL FLOWER.</b> An annual of easy culture, with tassel-shaped flowers, blooming profusely from July to October. 18 inches.....	
	.05
<b>THUNBERGIA. (Black Eyed Susan.)</b> Beautiful annual training plants for hanging baskets and vases. Mixed colors. 4 feet. 1/4 oz. 20c.....	
	.05
<b>VERBENA.</b> A well-known annual for beds, and borders. Seed sown in March will bloom in June and continue until frost. Plants raised from seed are more vigorous and produce more flowers than those grown from cuttings.	
<b>Mammoth White</b> .....	1/8 oz. 25c .10
<b>Mammoth Pink</b> .....	1/8 oz. 25c .10
<b>Mammoth Scarlet</b> .....	1/8 oz. 25c .10
<b>Mammoth Purple</b> .....	1/8 oz. 25c .10
<b>"A., S. &amp; L." Mammoth Mixed</b> 1/4 oz. 50c.	.10
<b>Fine Mixed</b> .....	1/8 oz. 10c .05
<b>Lemon Scented.</b> Lemon scented foliage.....	.10
<b>VIOLET, Sweet-scented (Viola odorata).</b> Fragrant, spring-blooming plants; hardy perennial.	
<b>Single Mixed.</b> Blue and white.....	.10
<b>VIRGINIA STOCK.</b> Sweet-scented hardy annual.	
<b>Mixed</b> .....	.05
<b>WALLFLOWER.</b> An old favorite garden flower. The large, massive spikes of the Wallflower are very conspicuous in beds and borders and are very useful in making bouquets. Height about 1 1/2 feet.	
<b>Single Mixed</b> .....	.05
<b>Double Mixed</b> .....	.10
<b>WILD CUCUMBER (Echinocystis Lobata).</b> This is a useful climber where a rapid and vigorous growth of vine is desired. The vine is thickly covered with white, fragrant flowers. Hardy annual. Oz. 15c., 1/2 oz. 10c. ....	
	.05
<b>ZEJA JAPONICA (Striped Japanese Maize).</b> Very ornamental, variegated foliage.....	
	.05
<b>ZINNIA.</b> A hardy annual, growing from 1 to 2 feet high. One of the most brilliant and showy plants. They flower early in the summer and keep on blooming until frost. Sow in boxes early and transplant.	
<b>GIANT FLOWERING DOUBLE</b>	
<b>Giant Flesh-color</b> .....	Per Pkt. \$0.10
<b>Giant Golden-yellow</b> .....	Per Pkt. \$0.10
<b>Giant Violet</b> .....	.10
<b>Giant Scarlet</b> .....	.10
<b>Giant Crimson</b> .....	.10
<b>Giant White</b> .....	.10
<b>Giant Mixed.</b> All colors.....	1/4 oz. 40c. .10
<b>Haageana, dwarf, double golden</b> .....	.05
<b>Tall, Double Mixed</b> .....	.05
<b>Dwarf, Double Mixed</b> .....	.05



## Summer-Flowering Bulbs

### GLADIOLUS

Attractive summer-flowering bulbs. They will grow in any good garden soil. Single and dozen prices include postage.

**America.** Soft lavender-pink, very beautiful. 5c. each, 30c. doz., \$1.50 per 100, \$1.75 per 100 by Parcel Post.

**Baron Hulot.** Rich, deep, indigo blue. 6c. each, 45c. doz., \$2.50 per 100, \$2.75 per 100 by Parcel Post.

**Empress of India.** Deep velvety maroon. 6c. each, 60c. doz., \$4.50 per 100, \$4.75 per 100 by Parcel Post.

**Europe.** Beautiful white with a faint tinge of lilac in the throat. 10c. each, \$1.00 doz., \$7.00 per 100, \$7.25 per 100 by Parcel Post.

**Halley.** A large flower of salmon-pink tinged rose. 5c. each, 30c. doz., \$1.50 per 100, \$1.75 per 100 by Parcel Post.

**Liebesfeuer.** Beautiful red. 20c. each, \$1.75 doz., \$12.00 per 100.

**Lily Lehman.** Large, pure white flower with frilled edge. 5c. each, 45c. doz., \$3.00 per 100, \$3.25 per 100 by Parcel Post.

**Mrs. Francis King.** Beautiful vermilion scarlet. 4c. each, 30c. doz., \$1.75 per 100, \$2.00 per 100 by Parcel Post.

**Mrs. Frank Pendleton, Jr.** Bright salmon-pink, very large flowers. 20c. each, \$1.75 doz., \$12.00 per 100.

**Niagara.** Large creamy white flowers, splashed with carmine. 10c. each, 85c. doz., \$6.00 per 100, \$6.25 per 100 by Parcel Post.

**Panama.** A deeper pink than America, long, strong spike with large open flowers. 10c. each, 85c. doz., \$6.00 per 100, \$6.25 per 100 by Parcel Post.

**Peace.** Flowers large and of fine form; color, pure white, feathered with pale lilac. 10c. each, 85c. doz., \$6.00 per 100, \$6.25 per 100 by Parcel Post.

**Princps.** Large flowers of a rich, glowing crimson with white on lower petals. 10c. each, 85c. doz., \$6.00 per 100, \$6.25 per 100 by Parcel Post.

**Schwaben.** Clear sulphur-yellow with small brown spot in the throat. 10c. each, \$1.00 doz., \$7.00 per 100.

**Willy Wigman.** Delicate rose, tinted cream, with large carmine red blotch. 5c. each, 45c. doz., \$3.00 per 100, \$3.25 per 100 by Parcel Post.

**Pink and Rose Shades.** Mixed. 3c. each, 20c. doz., \$1.75 per 100, \$2.00 per 100 by Parcel Post.

**Scarlet and Crimson Shades.** Mixed. 3c. each, 20c. doz., \$1.75 per 100, \$2.00 per 100 by Parcel Post.

**White and Light Shades.** Extra mixed. 3c. each, 20c. doz., \$1.75 per 100, \$2.00 per 100 by Parcel Post.

**Fine Mixed.** 2c. each, 15c. doz., \$1.50 per 100, \$1.75 per 100 by Parcel Post.



NIAGARA

**BEGONIAS (Tuberous-Rooted).** Unequaled for summer bedding, making a dazzling show throughout the entire season.

**Single.** Orange, rose, scarlet, white, yellow, pink, crimson, salmon. 8c. each, 50c. per doz., \$3.75 per 100.

**Double.** Red, rose, yellow, white, orange, salmon. 10c. each, \$1.00 per doz., \$7.00 per 100. Parcel Post prepaid.

**CALADIUM ESCULENTUM (Elephant's Ear).** Very effective and easily grown foliage plants for the lawn or border. Bulbs 6 to 8 inches in circumference. 15c. each, \$1.50 per doz., by Parcel Post, doz. \$1.60.

**CANNAS.** Fine ornamental plants, blooming from July until frost. Red-flowering, green-foliage Cannas; pink-flowering, orange-flowering, white and cream shades; red gold-edged, yellow shades; bronze-leaved, red-flowering; orchid-flowering. All the above varieties, 15c., each, per doz. \$1.50.

**DAHLIAS.** Popular summer and autumn-flowering plants. Named varieties, 15c. each, \$1.25 doz., by Parcel Post doz. \$1.35.



# PLANT DEPARTMENT

**PLANTS BY EXPRESS.** We use great care in the packing of plants to be sent by express, but cannot be responsible for delays or conditions when received by the purchaser. No plants sent C. O. D.

## Vegetable Plants

### ASPARAGUS ROOTS

We offer strong two-year old roots of the following varieties—Mammoth White, Palmetto and Conover's Colossal

25 roots, by express, at purchaser's expense.....	\$0.35
25 " by mail.....	.40
50 " by express, at purchaser's expense.....	.50
50 " by mail.....	.65
100 " by express, at purchaser's expense.....	1.00
100 " by mail.....	1.25
1000 " by freight or express, at purchaser's expense.....	7.00

### CABBAGE PLANTS

	April and May delivery	100	1000
Early Summer .....	\$0.15	\$1.00	\$8.00
Early Jersey Wakefield .....	.15	1.00	8.00
Copenhagen Market .....	.15	1.00	8.00
	June and July delivery		
Stone Mason Drumhead.....	\$0.30	\$2.75	
Fottler's Brunswick .....	.30	2.75	
American Savoy .....	.30	2.75	
Danish Ball Head .....	.30	2.75	

### CAULIFLOWER PLANTS

	May and June delivery	
Snowball .....	\$0.20	\$1.25
Danish Giant .....	.20	1.25

### CELERY PLANTS

	100	1000
White Plume .....	\$0.75	\$6.00
Golden Self-Blanching .....	.75	6.00
Boston Market .....	.75	6.00

### LETTUCE

	Doz.	100
Boston Curled .....	\$0.20	\$1.00
Black-seeded Tennisball .....	.20	1.00

### PEPPER

Large Bell .....	\$0.20	\$1.25
Squash .....	.20	1.25

### RHUBARB ROOTS

Each, \$0.15 \$1.50 \$10.00

### TOMATO PLANTS

#### Pot Grown

Earliana, Early Detroit, "John Baer" \$0 60

#### Box Grown.

"John Baer" Earliana, Ponderosa, Early Detroit, Dwarf Champion, Beauty Dwarf Stone, Bonny Best, Yellow Plum..... .35 \$2.50

## Flowering and Foliage Plants for Summer Bedding

Bedding plants shipped by express only

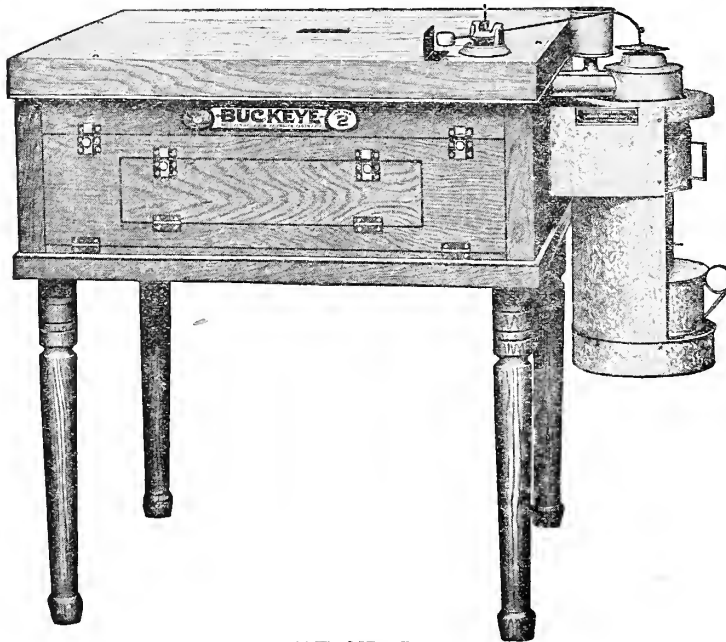
	Each	Doz.		Each	Doz.
Ageratum. Dwarf, blue .....	\$0.10	\$1.00	Geraniums. Assorted varieties, 4 in. Pots.	\$0.20	\$2.00
Alternanthera. Dwarf .....		.75	Geraniums. Assorted varieties, 3 in. Pots.	.10	1.15
Alyssum. White .....	.08	.60	Geraniums. Ivy-Leaved sorts, 4 in. Pots..	.15	1.50
Begonia. Tuberous-rooted.....	.25	2.50	Geraniums. Rose-scented, 4 in pots.....	.20	1.75
Calendula. Deep yellow .....	.10	1.00	Heliotrope. Dark and light.....	.10	1.00
Cannas. Dwarf flowering .....	.15	1.50	Hollyhock, Double. Assorted.....	.15	1.50
Canna robusta. Tall, dark foliage .....	.15	1.50	Ivy, German.....	.10	1.00
Centaurea candidissima .....	.10	.75	Lantanas. In variety.....	.10	.75
Centaurea gymnocarpa .....	.10	.85	Lemon Verbena .....	.20	1.75
Cobæa Scandens .....	.15	1.50	Lobelia. Dark blue.....	.10	.75
Coleus. Fine varieties. Per 100 \$5.00	.08	.65	Marigold. French and African.....	.15	1.50
Daisy (Bellis Perennis) .....		.35	Petunia, Double. Assorted colors.....	.20	2.00
Dracaena indivisa .....	.75	6.00	Petunia, Single. Assorted colors.....	.10	1.00
Forget-me-not. In baskets .....		.35	Ricinis (Castor-oil Bean).....	.10	1.00
Feverfew. Double white .....	.10	1.00	Salvia Spends. Best Scarlet.....	.15	1.25
Feverfew. Golden Feather .....		.60	Thunbergia, Trailing.....	.10	1.00
Fuchsias. Various sorts .....	.20	1.75	Vinca, or Periwinkle.....	.25	2.50

## FLOWER SEEDLINGS

Shipped by express only

	Per Doz.		Per Doz.
Asters.....	\$0.15	Pansies.....	\$0.35
Asters, extra plants in boxes of 1 doz. each .....	.25	Salpiglossis .....	.15
Balsams .....	.15	Petunias .....	.15
Calendula .....	.15	Phlox.....	.15
Coreopsis .....	.15	Pinks .....	.15
Cosmos .....	.20	Snapdragon .....	.15
Gaillardia .....	.15	Stocks .....	.15
Mignonette .....	.20	Verbenas .....	.30
Nasturtium. Dwarf; assorted .....	.20	Zinnias .....	.15
Nasturtium. Tall; assorted .....	.20		

# BUCKEYE INCUBATORS



No. 2 (STANDARD)

## THE "STANDARD" HOT WATER HATCHING DEVICE

Every Buckeye "Standard" Incubator bears the Underwriters' Label of Approval.

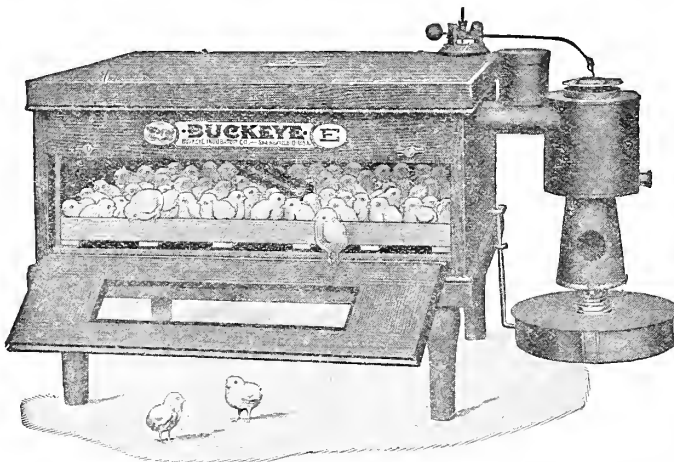
During the past 25 years over five hundred thousand Buckeye incubators have been sold.

Buckeye incubators are equipped with every desirable device that can possibly add to incubator efficiency and they are sold with an absolute guarantee to hatch a chick from every hatchable egg.

Buckeye incubators are so simple that the beginner can operate them just as successfully as the experienced poultryman—that's why they are so uniformly satisfactory.

### ... PRICES ...

No. 60, Standard, Capacity 60 Eggs,	\$17.50	No. 3, Standard, Capacity 250 Eggs,	\$39.50
No. 1, Standard, Capacity 110 Eggs,	24.50	No. 4, Standard, Capacity 350 Eggs,	47.00
No. 2, Standard, Capacity 175 Eggs,	29.50	No. 5, Standard, Capacity 600 Eggs,	70.00



No. 14 (Style E)

## BUCKEYE MAMMOTH INCUBATOR

Capacity 2440 Eggs—size 5 ft. square, Price \$300

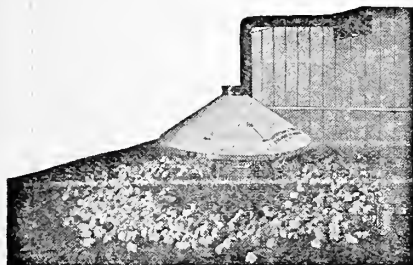
Special booklet on this incubator

## Styles E and H A Remarkable Incubator At a Remarkable Price

With All the Desirable Buckeye Features

No. 14, Capacity 60 Eggs,	\$10.50
No. 15, Capacity 60 Eggs,	14.50
No. 16, Capacity 110 Eggs,	18.50
No. 17, Capacity 200 Eggs,	24.50

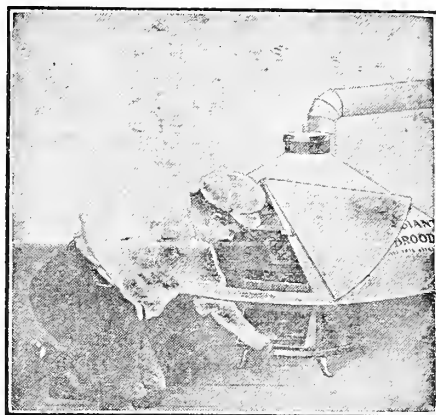
Ask For Illustrated Catalogue of Buckeye Incubators.



Moving toward or away from the heater, they get the temperature they prefer.

## Newtown Giant Colony Brooder

"BUILT FOR LONG-  
TIME SERVICE"



Shaking Grate—sliding door in Deflector raised.

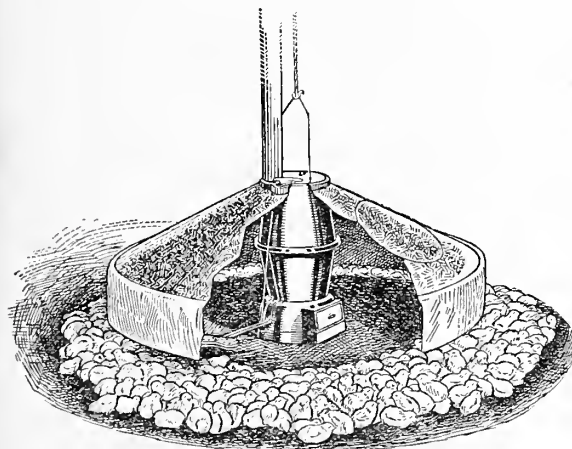
**The Great Time, Labor, Fuel and Chick Saver**  
**Coal-Burning, Self-Regulating, Simple, Safe and Economical.**

Coal is recognized as the safest fuel to use to guard against the burning of property—the Newtown burns coal.

Every part of the Newtown Heater is cast iron with the exception of its heavy sheet metal casing around the fire bowl, which is a *special safety feature*. Air circulates between the heavy sheet metal casing and the hot fire bowl, which prevents over-heating of this part, so that there is no danger of the litter or buildings catching fire. The fire bowl is *not* exposed.

**Prices, No 10, For 300 Chicks or less. \$25.00; No. 11, For 500 Chicks or less. \$30.00; No. 12, For 1200 Chicks or less. \$38.50.**

*Write for Descriptive Catalogue.*



## THE STANDARD COLONY BROODER

**Self-Feeding, Self-Regulating, Sim-  
ple, Safe, Everlasting**

**Saves Labor, Time and Money!**

**ABSOLUTE COMFORT FOR THE CHICKS.** It is a well-established fact that every chick is not entirely comfortable in the same temperature—some require a little more heat, while others require less. Under the conditions provided by the Standard Colony Brooder, every chick can seek the precise temperature that suits it best. If it needs plenty of warmth it moves closer to the stove, and if it requires less heat it moves farther away from the stove. They follow the natural inclinations of nature.

**IT IS ECONOMICAL,** as it burns but three to six cents' worth of coal in a day. In ordinary cool weather it cannot burn more than three cents' worth of coal, and with the weather below freezing it cannot burn more than six cents' worth in a day.

**Prices: No. 18, 500 Chicks, \$17.50; No. 19, 1000 Chicks, \$21.50**

**SEND FOR SPECIAL DESCRIPTIVE CATALOGUE**



## THE INTERNATIONAL SANITARY HOVER

The Sanitary Hover can be used anywhere that there is protection for the chicks from wind and rain. It is not a center heat hover. It is warmest at the outer edge, which causes the chicks to distribute themselves near the curtain and prevents crowding and smothering the chicks.

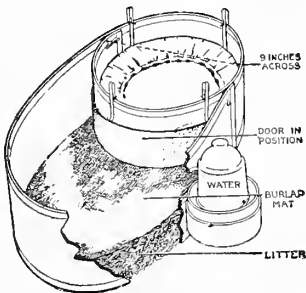
It is a perfectly ventilated brooding device. It supplies plenty of fresh air for all the chicks, with no drafts. It can be carried around with ease and is ready for use wherever it may be dropped. No carpenter work is required to set it up—no cutting of holes nor building of platforms. All one has to do to set it up is set it down. A simple, safe, convenient, and dependable brooding device.

**Price, \$10.00**

Write for Descriptive Catalogue



## THE LULLABY BROODER

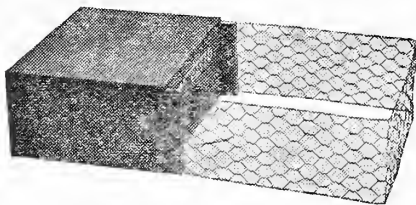


Get away from the old idea that you should keep fifty chickens in a lot. You will make almost, if not quite, as much profit with twenty-five chickens raised in the "Lullaby" way as with fifty raised in the old-fashioned way.

They will make a great deal better use of food consumed, grow larger, hardier, and get to laying earlier, and once you plan your plant properly you can care for just as many in lots of twenty-five as you did formerly with fifty together.

It is not a question of how many chicks you put together in the spring that tells the profit later. It is "How many did you raise out of every 100 hatched?"

**Price, \$1.50; by mail, Postpaid, \$1.60**



## Buckeye Fireless Brooder

Capacity 50 Chicks, . . . . . **Price, \$2.50**

Size of hover, 20 inches long by 20 inches wide.

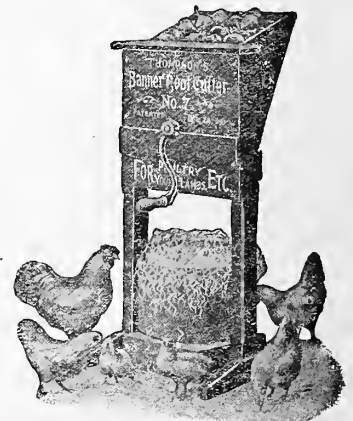
Size of yard, 17 inches long by 20 inches wide.

## Banner Root Cutter

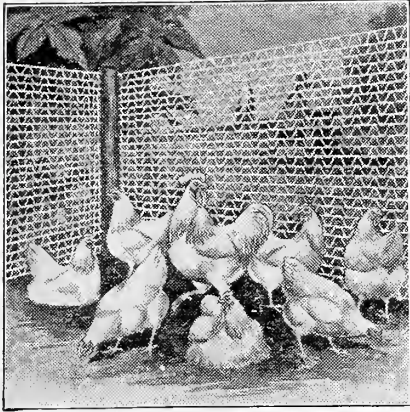
No. 7, Exclusively for Poultry

It cuts fast and is easy running. Leaves the feed in fine, brittle, ribbon-like strips that make choking impossible. Fowls large or small can safely eat the feed. The knives are adjustable and made of the very best of steel. An iron gate in bottom of hopper lets dirt and gravel escape before reaching the knives. In this cutter we offer the poultrymen a low-priced, high-grade, nicely finished and mechanically constructed machine. Two to five minutes will cut enough feed for a large flock of fowls. **Price, \$5.50.**

Prices quoted in Catalogue are subject to change without notice



## United States Poultry Fence



The United States Poultry Fence is galvanized after weaving and will not rust as Fencing galvanized before weaving.

The United States Poultry Fence has proven the best by test. It has long since established its superiority over other makes, and is in a class by itself. It is built to withstand *use and abuse* and is guaranteed to give satisfaction.

The United States Poultry Fence is strictly a "No-Sag" poultry fence, as the combination of line and mesh wires, closely woven, prevents any lengthening or narrowing between posts. In erecting United States Poultry Fence the line wires permit of being stretched to a high tension, which compels the fence to remain rigid and upright. These features place it a long stride beyond the Hex Mesh Netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging.

### No. 19. Wire Poultry Fence, 2-inch Mesh

12 in. high, per roll	\$2.48	48 in. high, per roll	\$8.25
24 " " "	4.50	60 " " "	10.30
36 " " "	6.20	72 " " "	12.35

### No. 19. Wire Chicken Fence, 1-inch Mesh

12 in. high, per roll	\$4.95	24 in. high, per roll	\$9.00
18 " " "	7.10	36 " " "	12.35

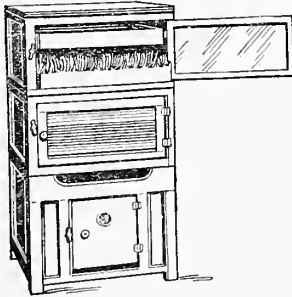
SPECIAL AGENTS FOR PORTLAND

## Start Oats Sprouting

The feeding of sprouted oats is no longer an experiment. By feeding sprouted oats through the winter, egg production can be kept up to a much larger degree than otherwise.

### ANDREWS' OAT SPROUTER

The outer walls are constructed of the best grade of Poplar Lumber, lined with asbestos, and on the inner walls galvanized lining is used; thus where moisture and heat is prevalent on the inside, galvanized lining is used, but on the outside, where the sprouter is subject to change in weather, wood is used, with asbestos lining, to make the heat more uniform.



Capacity Outfit "B." Lamp Chamber; 2 sections; 4 trays; holds 20 quarts; recommended for flock of from 100 to 150. Price, \$10.75.

## IMPROVED "RED CHIEF"

### HAND CORN SHELLER

Has patent oval shaped teeth, shelling the corn without cracking the grains. Shells clean, taking off less chaff than any other sheller. Throws the cobs outside every time. Clamps on barrel or tub as well as on box.

Price \$2.25

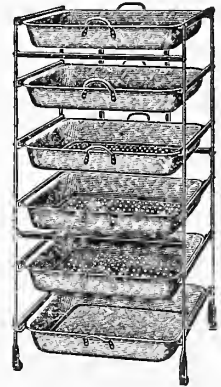
## Economy Oat Sprouter

This Sprouter employs the natural process for sprouting. No heat necessary.

The Tray contains five Sprouting Pans and one Drip Pan 16x17 inches.

Made of galvanized iron—will not rust.

Price .....\$5.50



## NESCO BROOD COOP

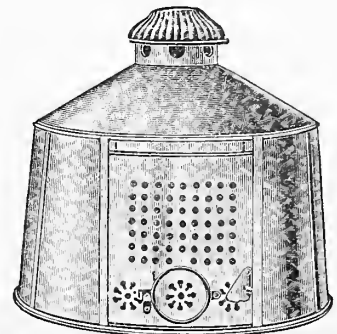
(Galvanized.)

Declared by chicken experts to be as near perfect as can be made in meeting poultry requirements.

This coop is specially fine for setting hens. It keeps them confined and undisturbed by other fowls or rats.

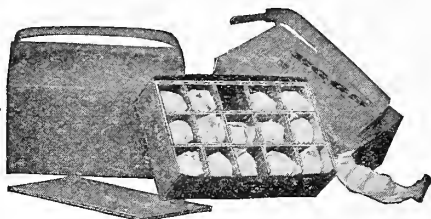
Bottom Diam. .20 in.  
Height. .... 18¾ in.

Price .....\$2.00





## Eyrie Egg Shipping Box



For shipping hatching eggs by express. Made of heavy corrugated cardboard, very strong, compact, light and convenient.

1 Setting, each 15c.; \$1.50 per doz.  
2 Settings, each 20c.; \$2.00 per doz.

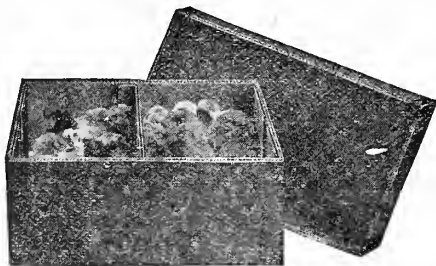
## THE ANDERSON EGG BOX



Made of corrugated paper with double faced corrugated paper partitions protecting each individual egg. Folded flat for shipment.

	Each	Doz.		Each	Doz.
1 Setting	\$0.20	\$2.00	50 Egg Size	\$0.35	\$3.50
2 Settings	.25	2.50	100 Egg Size	.55	5.50

## SEFTON LIVE CHICK BOX



Made from best grade of corrugated paper. For shipment it is folded flat, but can be easily set up and made ready for use.

	Size	Each	Doz.
25 Chicks.	Size 13 x 7 x 5	\$0.20	\$2.00
50 Chicks.	Size 14 x 13 x 5	.25	2.25
100 Chicks.	Size 26 x 14 x 5	.30	3.25

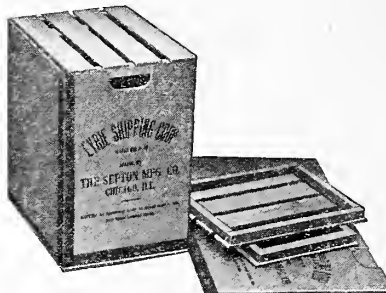
## "BERKSHIRE" PAPER EGG BOXES

These boxes are intended for use in delivering eggs to private families. They are of a very convenient size, are shipped knock-down and can be readily set up.

Net price per doz.					\$0.15
"	"	"	25		.25
"	"	"	100		.85

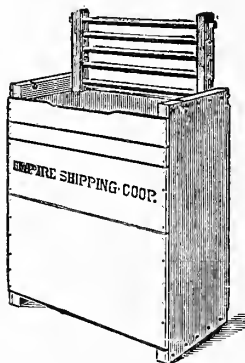
## EYRIE SHIPPING COOP

A Strong, Light Weight Coop for Shipping Fancy Fowls



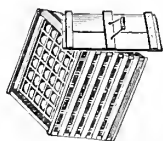
The body is made from extra heavy Corrugated Fibre Board, protecting the fowls from draughts, heat and cold. The top and bottom are strongly constructed of wood. They are folded flat for shipment greatly reducing freight and express charges.

No.	A	Size	12x16x18 inches	Each	Doz.
"	B	"	12x18x22	\$.65	6.50
"	C	"	12x22x22	.75	7.25
"	D	"	20x22x22	.95	10.25
"	E	"	20x24x22	1.10	11.00



This cut represents the Empire Shipping Coop, with top ventilation. The openings for ventilation are so spaced that birds cannot pass their heads through. An important feature of the coop is the top lid or cover which does not require hammer, saw or nails to coop or uncoop your birds; no matter how often you open or close the coop the top lid or cover is always in position. Coops shipped knocked down can be easily put in position by purchaser.

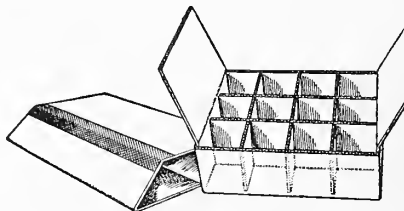
	Each
Single Coop Size, 12x22x25 inches.	\$1.00
Trio Size, 18x22x25 inches.	1.25
Pen Size, 22x22x25 inches.	1.35



## Humpty Dumpty Folding Egg Crate

A very light, strong and convenient egg crate and carrier.

Size	Each	Per Doz.
3 Doz.	\$0.30	\$3.00
6 Doz.	.35	3.50
9 Doz.	.40	4.00
12 Doz.	.45	4.25



## PARCEL POST EGG BOXES

	Each	Per Doz.
1 Doz. Size. 7 5/8 x 5 1/2 x 2 3/8 inches.	\$0.12	\$1.00
2 Doz. Size. 7 5/8 x 5 1/2 x 5 1/4 "	.18	1.50
3 Doz. Size. 7 5/8 x 5 1/2 x 8 "	.20	2.00
4 Doz. Size. 11 1/2 x 7 5/8 x 5 1/4 "	.25	2.40
5 Doz. Size. 9 1/2 x 7 5/8 x 8 "	.30	2.80

PRICES DO NOT INCLUDE POSTAGE OR EXPRESS CHARGES



## Sexton's Dry Feed Hopper

Easy to Fill. No Waste. Rat Proof.  
Dust-Proof.

The lower cover is so arranged that it is held up by locking the top cover of Hopper over same, and by raising the top cover the lower cover will fall in place.

This Hopper is arranged to hang on the wall the desired distance from the floor, and never need be removed from the wall to be refilled. It is impossible to waste any feed, as the pan at the bottom takes any feed that may be picked out and the last crumb can be used, therefore saving any waste. The body being covered keeps feed dust-proof and clean, and is always dry.

Body made of galvanized iron and the grating is of round galvanized wire, preventing the Poultry from cutting their bills. No. 1, \$1.50, No. 5, \$2.25.



OPEN



CLOSED

## The Apaco Poultry Feeder



This Feeder in general design is built on the same lines as the well-known Norwich Automatic Feeder, but is a hanging machine rather than arranged with adjustable standard.

The machine is complete with the all-important adjusting valve for regulating the discharge from the hopper, and may be relied upon as a **thoroughly dependable and practicable machine.**

One size only. 12 $\frac{3}{4}$  quarts capacity. Price \$1.25 F. O. B. Portland. Parcel Post, weight 5 lbs.

## "Overall" Feeders

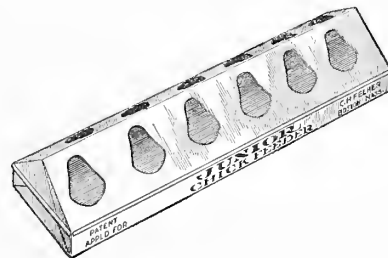


These feeders are made of heavy stoneware, are very strong and durable, easily cleaned and never clog, inexpensive, always accessible, and at the same time the birds cannot waste the feed.

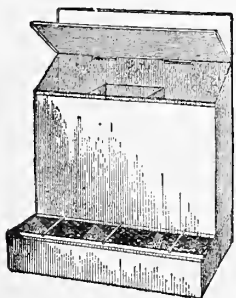
6 quart size, 40c. each. 8 quart size, 50c. each.

## Junior Chick Feeder

FEEDS DRY MASH  
OR HARD GRAIN



FEEDS SOUR MILK  
OR WATER



1-2-3

## Poultry Feeder

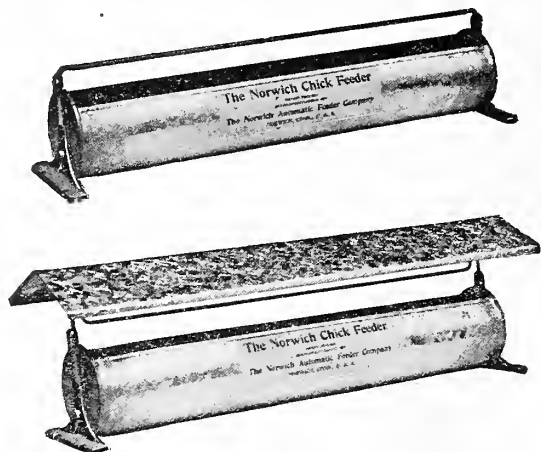
This Feeder is used for dry mash, scraps, shells, grit, charcoal or any poultry feed.

Price 50c. Parcel Post, weight 3 lbs.

Prices do not include postage or express charges

Price, 30c. each. By Parcel Post, 35c.

## Norwich Chick Feeders

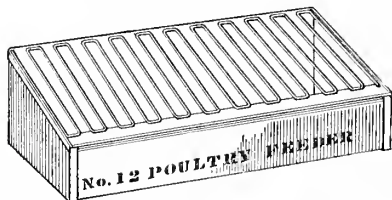


### WITH RAIN TOP

Positively prevents chicks from wasting the mash, and it is impossible for them to get into the feed, thus making it an absolutely sanitary feeder. Top rod removable.

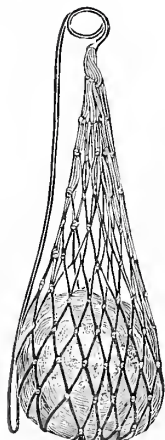
### Price List.

10 in.	Parcel Post, weight 15 oz.	.....\$0.25
15 in.	Parcel Post, weight 19 oz.	......30
20 in.	Parcel Post, weight 23 oz.	......35
With Rain Top add 10c. to list and 7 oz. to weight.		



Can be used for any kind of grain and is protected from waste by a specially designed grid. Can be hung on the wall.

No. 12—12 inches Long,	35c.	Parcel Post, weight 2 lbs.
No. 24—24 inches Long,	50c.	Parcel Post, weight 3 lbs.



## Carter's Green Food Feeder

Made of strong, soft twine. Hang in the hen house or yard for poultry feeding. Capacity, one-half bushel of cabbage, beets, clover, etc.

**PRICE, 35c**

By mail, prepaid

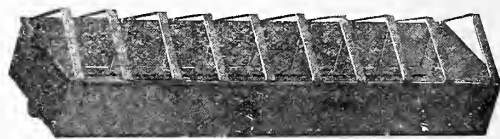
**PRICES DO NOT INCLUDE POSTAGE OR EXPRESS CHARGES**

## The Buckeye Self-Feeding Hopper



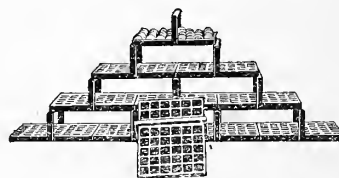
Made of Galvanized Iron, with three compartments—for Shell, Grit and Charcoal. Will not clog. Price, \$1.25. Parcel Post, weight 5 lbs.

## "L R" Brooder Chicken Feeders



No. 1—10 in.	Price 40c.	Parcel Post, weight 2 lbs.
No. 2—18 in.	Price 60c.	Parcel Post, weight 3 lbs.

## ANDREWS' EGG TRAYS



These trays are used for collecting eggs in the laying houses. They are made to hold four dozen eggs. Andrews' Trays can be stacked on top of one another—a saving in space. You can reach eggs from each tray without moving the tray above.

Price: 50c. each. Mailing weight, 3 lbs.

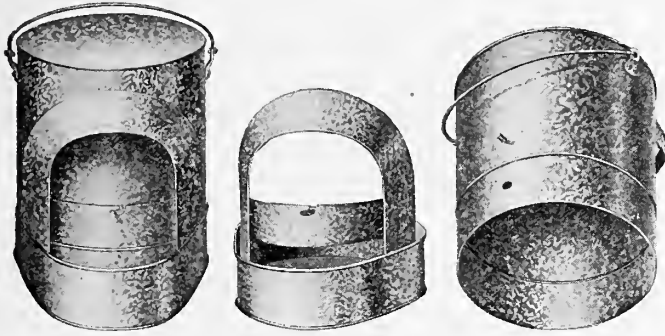
## Wire Hen's Nest

Supported on Walls by hooking over two nails.

Each, 15c., Per doz. \$1.25





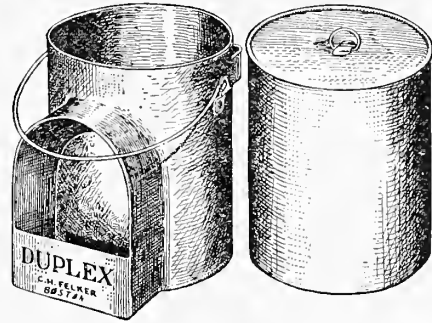


## EASY ACCESS POULTRY DRINKING FOUNTAIN

Made in Two Sections

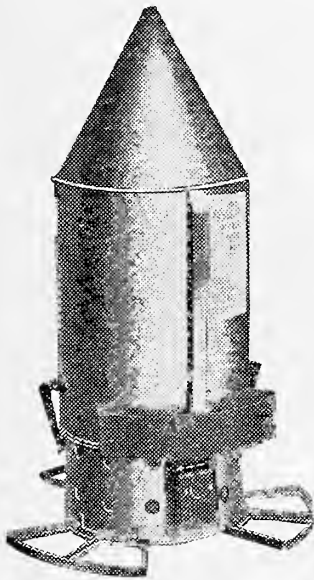
It can be easily taken apart and thoroughly cleaned inside; can be filled quickly and easily carried around after filling. Made of galvanized iron, extremely simple, and cannot get out of order. Price, 1 gal. \$1.00, Parcel Post, weight 3 lbs. 2 gal. \$1.25, Parcel Post, weight 4 lbs.

## THE DUPLEX FOUNTAIN



The latest and most practical sanitary fountain on the market. This is a double fount, keeps the water clean and pure. Easy to fill. Easy to care for. 4-qts. 60c., Parcel Post, weight 3 lbs. 8-qts. 85c., Parcel Post, weight 4 lbs.

## Norwich Automatic Air-Lock Fountain



The most perfect device ever placed on the market for automatically supplying pure, fresh water in the poultry house. It is a physical and absolute impossibility to contaminate or pollute the water supply, and requires cleaning about once in three months, only.

Guaranteed frost-proof to ten degrees below zero.

Made in one size only, 5 gallons capacity.

Complete with Burner Base, \$4.00.

Without Burner Base, \$2.50.

Mailing weight, 17 lbs.

## The Peerless Brooder Fountain



It is the ideal fountain for small chickens. Easy to fill and easy to clean.

Price, 35c.

Mailing weight, 2 lbs.

## MOE'S SANITARY POULTRY DRINKING FOUNTAIN



Patented

The most popular fountain on the market



Fills from the top. Dead air space keeps water cool in summer and from freezing in winter.

No. 1, 1 gallon size, \$1.00. Mailing weight, 4 lbs.

No. 2, 2 gallon size, \$1.50. Mailing weight, 6 lbs.

## Stoneware Fountains

They keep the water cool, and it is impossible for chickens to get drowned. 1 qt. 35c., 2 qts. 40c.



## CUPS FOR POULTRY COOPS

These cups are made to hang inside of exhibition coops or cages and can be used for birds or small pet animals.

No. 1 holds ½ pint.....\$0.15  
No. 2 holds 1 pint..... .20



Andrews' Drinking Fountain. A sanitary and practical automatic fountain.

1 gallon size..... \$1.00  
2 gallon size..... 1.60

Mailing weights 4 and 6 lbs.

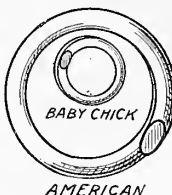
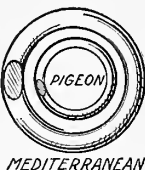
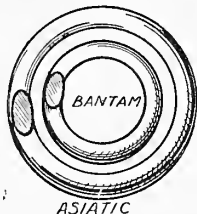




# SPIR-OL LEG BANDS



RED  
WHITE  
BLUE  
GREEN  
BLACK  
PINK  
RUBY  
YELLOW



Made of Celluloid

Identify birds as far as you can distinguish colors. Indestructible and can be slipped on and off like a key ring. Sample free. Poultry sizes: 12 for 15c., 25 for 30c., 50 for 50c., 100 for 75c., postpaid. Baby Chick Bands: 25 for 20c., 50 for 35c., 100 for 50c., Postpaid.



## FAVORITE LEG BANDS

(Double Clinch)

This is a popular aluminum leg band with RAISED FIGURES, and can be supplied in consecutive numbers as desired. It is easily attached, and, when in place, cannot be lost off in continuous wear.

Prices: Prepaid by mail, 12 for 20c., 25 for 30c., 50 for 45c., 100 for 75c.

## Water Glass

Put your eggs down in the spring and summer, when they are cheap, and keep them fresh for ten months. One gallon makes sufficient solution for 50 dozen. It has been thoroughly tested. Do not trust eggs to water glass of inferior strength. Water glass must be pure and strong to safely protect eggs.

Prices: 1 pint 15c., 1 quart 25c., 1 gallon 75c.

## Philadelphia Poultry Marker



Price  
25c.  
Postpaid



## THE VICTOR LEG BANDS

In Colors with numbers

Made in celluloid and aluminum. Adjustable. Entirely new and different from all others. Large printed numbers, bright and clear colors. Red, blue, yellow and green. Prices: Prepaid by mail: 12 for 40c., 25 for 70c., 50 for \$1.25, 100 for \$2.25.



## CAPITAL LEG BANDS

Made of Aluminum

It is instantly adjustable to the size of the leg. It locks with a double clamp, fits the leg perfectly, and once on, stays on, until you remove it. The Figures are Raised or Embossed and are always clear and distinct. Supplied in consecutive numbers to suit purchaser.

Prices: Prepaid by mail, 12 for 20c., 25 for 30c., 50 for 45c., 100 for 75c.

## Petty's Poultry Punch



The best small chickmarker, and convenient to carry in the pocket. Postpaid 25c.

## Buckeye Egg Tester

Made of tin to fit either B or C Burner.

Makes a strong, powerful light for the egg so that any person can easily determine the fertility. 30c. each, Postpaid.

## A. S. & L. "Sterling Quality" Egg Cases

The most complete Egg Case on the market, largely used by shippers, and constructed to stand Rough Handling in Transit

	Each
8 dozen . . . . .	\$ .85
15 " . . . . .	1.00
30 " . . . . .	1.20
49 " . . . . .	1.40
56 " . . . . .	1.60

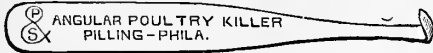
SEND US YOUR MAIL ORDERS



## Russell Poultry Killing Knife

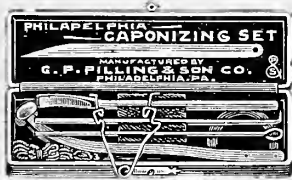


## French Poultry Killing Knife



## Angular Poultry Killing Knife

Price of each of the above Knives, 50c. postpaid.



## The Philadelphia Caponizing Set

Complete, with instructions.

Price, \$2.75, postpaid.

## WATERPROOF SHEETING

Use waterproof sheeting in the windows of your hen house in place of glass. Then there will always be a circulation of pure, dry air and no steam, as caused by glass. You will notice that the Experiment Stations use it. 15c. per yard.

## STERLINGWORTH FISH FOOD

An imported cereal wafer food prepared especially for feeding gold fish. Each wafer is  $2\frac{3}{4} \times 3\frac{3}{4}$  inches and about the thickness of blotting paper. Price, per box, (20 sheets), 10c., postpaid. Per doz., \$1.00 postpaid.



## STERLINGWORTH POULTRY CHARCOAL

Charcoal aids digestion, promotes health, and is generally corrective of many poultry ills. No poultry raiser can afford to be without it.

XX (Fine Granulated) for Chicks and Chick Food Mixtures.

XXX (Medium Granulated) for Half-Grown Fowls, Pigeons, etc.

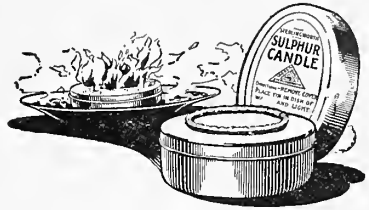
XXXX (Coarse Granulated) for Grown Fowls, Geese, Turkeys, etc.

Prices: 50-lb. paper lined burlap sacks, \$1.75 each. 2-lb. cartons, 15c. each.

SEND US YOUR MAIL ORDERS

## Sulphur Candles

Kill insect pests and disease germs



The Candles are especially useful in ridding poultry houses, dog kennels, etc., of insect pests, as the vapor from them penetrates crevices not reached by other means. Price, 10c. each; postpaid, 15c.

## RAT CORN



Kill Your Rats, Mice, Gophers and Ground Squirrels

They simply dry up.

Rat Corn is harmless to human beings and live stock.

One pair of rats will produce 900,000,000 rats in five years.

The United States Government states in food alone, rats, mice, gophers, etc., destroy \$200,000,000 every year.

Small Can.....25c. Medium Can.....50c. Large Can.....\$1.00.

Price Includes Postage.

## YOUNG'S RAT DESTROYER

Young's Rat Destroyer has a charm for rats the same as catnip has for cats. It has a corrosive effect on the linings of the stomach, and is harmless to larger animals in the small quantities eaten by rats or mice. Its action upon rats is slow, and they usually leave the premises in search of water. Price, 25c., postpaid.

## Pine Tree Shipping Crates

Made of Green Elm, then thoroughly dried. The round corners prevent injury and loss by crowding, so frequent in square cornered crates. Price, \$1.50.

## NEST EGGS

Porcelain. Each, 3c., doz. 25c. Lime (medicated), each 3c., doz. 25c. Add 8c. per doz. if wanted sent by mail.

# DR. HESS POULTRY AND STOCK PREPARATIONS

Prescriptions by Dr. Hess, M. D., D. V. S.

## Dr. Hess Poultry Pan-a-ce-a



Makes poultry healthy; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg organs, brings back the scratch and cackle and compels each hen to put her share of eggs in the market basket.

It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Costs but a trifle—a penny's worth enough for thirty hens per day.

1½ lbs. 25c.; 5 lbs. 60c.; 12 lbs. \$1.25;  
25 lb. pail \$2.50

**GUARANTEED**



## Dr. Hess Stock Tonic

Formula printed on every package

Every ingredient indorsed by the U. S. Dispensatory and other high medical authorities. It aids digestion, makes stock healthy, and expels worms. Helps stock convert more ration into milk, flesh, blood and muscle. Every pound backed by the Dr. Hess & Clark unqualified guarantee.

2½ lbs. 25c.; 7 lbs. 60c.; 12 lbs. \$1.00

25 lb. pail \$2.00; 100 lb. drum \$6.50

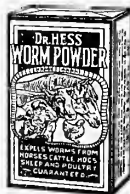


## Dr. Hess Worm Powder

For horses, sheep, cattle and hogs. It is highly concentrated and is an effective vermifuge. Dr. Hess own prescription that proved effective in his practice.

PRICE, 1½ lbs. 50c.

**GUARANTEED**



## Dr. Hess Instant Louse Killer



Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worm, slugs on rose bushes, etc. Sold in sifting-top cans. Look for the word "Instant" before buying.

PRICE, 1 lb. 25c. 2½ lbs. 50c.

**GUARANTEED**

## Dr. Hess Dip and Disinfectant

Non-poisonous and non-irritating, and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains.



Pt. 35c., Qt. 50c., 2 Qts. 75c., Gal. \$1.25

**GUARANTEED**

## Dr. Hess Healing Powder

The modern gall cure. Cures galls, cuts, wounds, ulcers, grease heel. Antiseptic and soothing. Heals everything it touches by forming a coating, cleaning and closing up wounds.

Comes in sifting-top cans.

PRICE, 4 oz. 25c; 10 oz. 50c.

**Absolutely Guaranteed**



## Dr. Hess Heave Powder

A dependable preparation for relieving horses of heaves, chronic coughs, asthma, bronchitis, etc; with careful diet, the frequent use of this valuable preparation will afford permanent relief in the majority of cases.

PRICE, 1½ lb. package 50c.



## Dr. Hess Colic Remedy

A reliable preparation for the treatment of spasmodic and flatulent colic, gripes, acute or chronic indigestion, impaction of the stomach, bowel inflammation, etc.

PRICE, 50c. and \$1.00. **Guaranteed**

**YOUR MONEY BACK IF NOT SATISFIED**  
**PRICE IS SECONDARY TO QUALITY**





**The Park & Pollard Co**  
**LAY OR BUST FEEDS**

MANUFACTURED BY  
**The Park & Pollard Co 46 Canal St.**  
**BOSTON, MASS.**

**POULTRY FEED SPECIALISTS**




## Conkey's Buttermilk Starting Food



In Conkey's Buttermilk Starting Food you get pure, rich buttermilk in dry powdered form, because Conkey's have found how to remove the great bulk of the water from ordinary buttermilk and still retain the valuable lactic acid with all its digestive and food values. In this dry powdered form, the buttermilk keeps in good condition and is always ready for use whenever a hatch comes off. It is mixed with a combination of clean, wholesome grains that form a balanced ration, just right for little chicks. This makes it a COMPLETE STARTING FOOD for the first three weeks, the most critical period of the chick's life, the time most chicks are lost and the time when egg-producing and other vital organs are forming that mean a profit-making bird or a mere boarder in later life.

CONKEY'S BUTTERMILK STARTING FOOD fed to all your chicks will give you strong, active, vigorous, healthy chicks that will outstrip their fellows from the start. They will grow into heavy layers, virile breeders, full-bodied market birds—real profit makers.

One pound will feed twelve chicks for three weeks.

Pkgs., 30c. and 60c.; 14 lbs. \$1.25, 25 lbs. \$2.00, 50 lbs. \$3.75.

CONKEY'S ROUP REMEDY	30c. and 60c.	CONKEY'S CANKER SPECIAL	60c.
CONKEY'S SOREHEAD REMEDY	30c.	CONKEY'S HEAD LICE OINTMENT	10c. and 25c.
CONKEY'S BRONCHITIS REMEDY	60c.	CONKEY'S SCALEY LEG REMEDY	30c.
CONKEY'S POULTRY TONIC	25c. and 50c.	CONKEY'S WHITE DIARRHEA REMEDY	30c., 60c.
CONKEY'S NOXICIDE	Pt. 40c.	CONKEY'S POULTRY CONDITIONER	25c. and 50c.

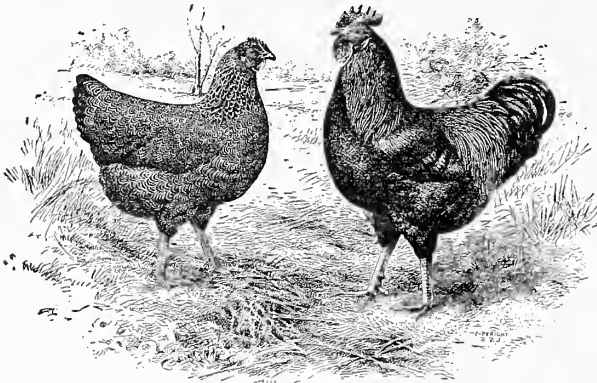
## FRENCH'S POULTRY MUSTARD

Insures healthful and proper conditions at all times. It keeps the hens at their best. They grow, sing and lay. With such conditions results are had. **Money in poultry depends on this.**

Price, 1½-lb. pkg. 40c.; 3-lb. pkg. 75c.; 5-lb. pkg. \$1.25; 10-lb pkg. \$2.40; 25-lb. pail, \$5.50.

## EGGS FOR HATCHING

At short notice we can furnish Eggs from reliable breeders



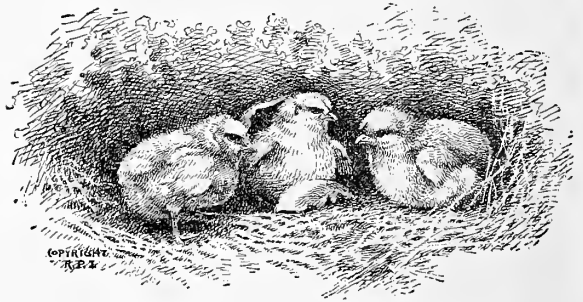
Partridge Plymouth Rocks

Plymouth Rock (Barred, Buff and White)	Setting of 13 Eggs
White Wyandotte	\$1.25 to \$3.00
Rhode Island Red	1.25 to 3.00
Leghorn (White and Buff)	1.50 to 3.00
Orpington (Black, Buff and White)	2.50 to 5.00
Buttercups	5.00
Partridge Plymouth Rock (The Beauty-Utility Breed)	2.00 to 5.00

We shall be pleased to quote special prices for eggs in large quantities for incubators

## DAY OLD CHICKS

A great many poultry keepers, especially those in a small way, prefer to buy the young chicks to the trouble of hatching. To meet this demand we furnish good lively chicks in all the ordinary breeds at reasonable prices.



## New England Root Cutter

With Separate Crank and Balance Wheel

The great advantage of feeding cattle and sheep during the winter months partly on vegetables has become generally recognized. It is necessary, however, to properly cut the Roots so as to prevent choking, and to make them easy of digestion.

We have in this cutter one which will do the work in every way acceptably.

Price, \$9.00



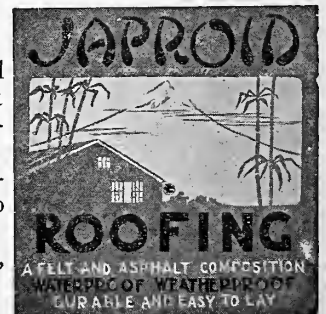
## JAPROID ROOFING

This roofing is built on a base of heavy wool felt, thoroughly saturated and coated with pure Gilsonite Asphalt. The high grade quality of felt gives this roofing a tensile strength which renders it practically indestructible under ordinary conditions.

The heavy saturation of pure Gilsonite Asphalt, the best waterproofing product known, renders this roofing absolutely impervious to heat or cold, and waterproof to the most perfect degree.

It is made 36 inches wide, put up in rolls containing 108 square feet, sufficient to cover 100 square feet, allowing for a 2-inch lap.

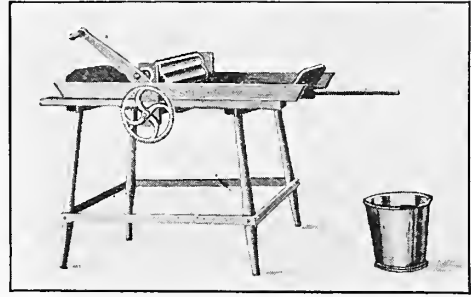
Prices: Per Roll, 1 ply, \$2.25; 2 ply, \$2.50; 3 ply, \$2.75.





## The Waters' Butter Worker

The WATERS' Butter Worker is the best dairy worker manufactured and the favorite among dairymen. The tray has the bottom made of one clear piece of selected cypress board. It can be instantly removed and used as a butter bowl if desired. The castings are all heavily galvanized. The butter worker comes equipped with hard-wood stand, as illustrated.



Size	Length of Tray	Width of Tray	Lbs. Capacity	Cows	Price
No. 0	27 inch	14 inch	1 to 15	1 to 4	\$ 7.25
No. 1	36 "	15 "	5 to 30	4 to 8	8.50
No. 2	36 "	18 "	5 to 40	8 to 12	9.65
No. 3	39 "	20 "	5 to 50	12 to 18	12.00
No. 4	48 "	22 "	10 to 75	18 to 30	14.50

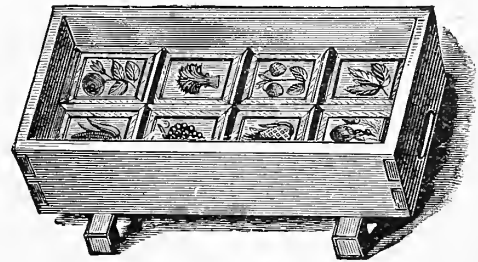
## The Kinerson Combination Butter Prints

These Butter Prints are largely used and give perfect satisfaction; practical, simple and durable.

Prints engraved to order with simple design, initial or monogram, without extra charge.

For special design a small advance on the list will be charged.

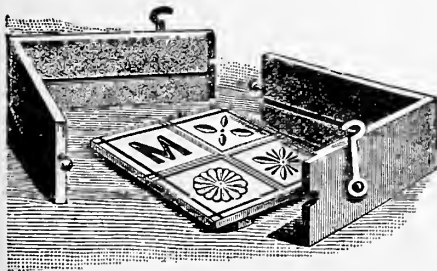
A paddle and two cutters are furnished with each print.



No. 6 Print

No. of Print	No. of Cakes	Capacity of Moulds in lbs.	Capacity of Each Cake in ounces	Dimensions of Moulds in inches	Dimensions of Each Cake	Price
2*	4	2	8	11 x 3 3/4	3 3/4 x 2 3/4	\$4.50
3	4	2	8	12 x 3	3 x 3	4.50
4	4	1	4	4 1/2 x 5	2 1/4 x 2 1/2	4.25
5	4	1	4	10 x 2 1/2	2 1/2 x 2 1/2	4.50
6	8	2	4	10 x 4 1/2	2 1/4 x 2 1/2	5.25
10	24	1 1/2	1	10 x 4	1 1/4 x 1 1/3	6.00
12	8	4	8	11 x 5	2 3/4 x 2 1/2	5.25

## Blanchard Butter Moulds

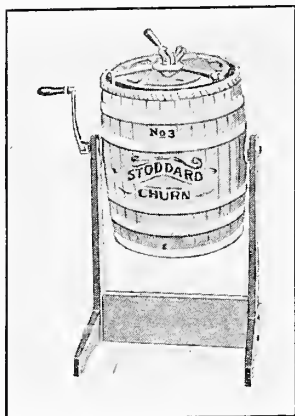


1/2 Pound, 2—1/4 lb. Prints, Parcel Post, Weight, 1 lb.	\$0.65
1 Pound, 4—1/4 lb. Prints, Parcel Post, weight 2 lbs.	.75
2 Pound, 8—1/4 lb. Prints, Parcel Post, weight 2 lbs.	1.00

Initial Engraved, 25 cents extra for each cake



## THE STODDARD CHURN

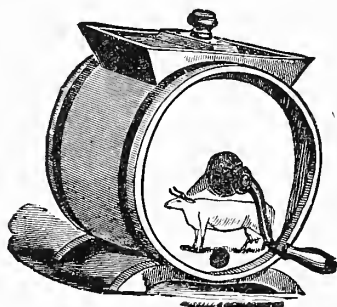


The STODDARD Barrel Churn is the Best and most popular dairy churn on the market. It is the only churn manufactured with all castings, including hoops, heavily galvanized so they will not rust.

### Prices, Dairy Sizes, Hand Power

No. 1.	10 Gals., churns 2 to 4 gals.
No. 2.	15 Gals., churns 2 to 7 gals.
No. 3.	20 Gals., churns 3 to 9 gals.
No. 4.	25 Gals., churns 4 to 12 gals.
No. 5.	35 Gals., churns 5 to 16 gals.
No. 5½	45 Gals., churns 5 to 20 gals.

Prices on Application

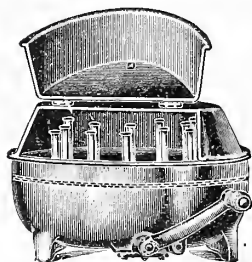


## Cylinder Churns

No. 1.	3 Gallon Capacity	\$3.00
No. 2.	4 Gallon Capacity	3.60
No. 3.	7 Gallon Capacity	4.25
No. 4.	10 Gallon Capacity	4.85

### Folding Paper Butter Boxes

1 Pound (2 Pieces)  
Price, \$1.00 per 100



## The "Facile" Improved Babcock Milk Tester

The "FACILE" Hand Tester is very compact, and is the most favored apparatus, in small compass, for testing milk. Price includes a full set of glass ware, comprising test bottles, pipette, acid measure; also bottle brush and bottle of test acid.

2-Bottle Machine	\$5.00	6-Bottle Machine	\$13.50
4-Bottle Machine	6.50	8-Bottle Machine	15.00

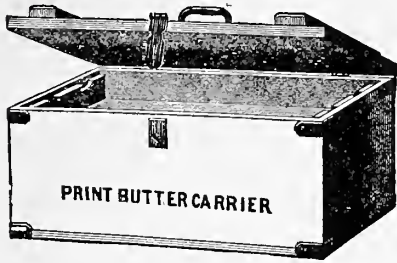
## Champion Milk Cooler and Aerator

Milk cooled as soon as milked makes more and better butter and cheese. Not only cools the milk, but completely aerates it, removing all offensive flavors.

	Capacity of Milk Receiver	Size of Dairy	Takes Care of	Price
No. 2.	18 Quarts	10 to 25 Cows	3 Milkers	\$7.00
No. 3.	34 Quarts	25 to 50 Cows	5 Milkers	8.00



## "STERLING" PRINT BUTTER CARRIERS



The boxes and trays are made of white wood, and have no taste or smell. They are strong and durable, and will carry the butter in good condition.

Without Ice Box	No. Trays	Sizes	Price
12 lbs.	4	10 $\frac{1}{4}$ x 7 $\frac{3}{8}$ inches, 1 $\frac{5}{8}$ deep, inside measure	\$2.75
24 "	4	10 $\frac{1}{4}$ x 14 $\frac{5}{8}$ " " " " "	3.00
30 "	4	10 $\frac{1}{4}$ x 18 $\frac{1}{2}$ " " " " "	3.25
40 "	5	10 $\frac{1}{4}$ x 18 $\frac{1}{2}$ " " " " "	3.50



## Parchment Butter Paper

For wrapping and covering butter, for layers and caps on top of tubs, jars, tumblers, etc.

Price, 25c. per lb. By parcel post, prepaid, 30c., per lb.

## MILK OR CREAM BOTTLES



Half-pint, per dozen	\$ .55
Pint " "	.60
Quart " "	.75
2 Quart " "	1.50

Special prices made in gross lots

## MILK BOTTLE CAPS

PLAIN OR PRINTED

1,000 in a package	\$ .40
5,000 in a package	1.80



No. 374



No. 1116



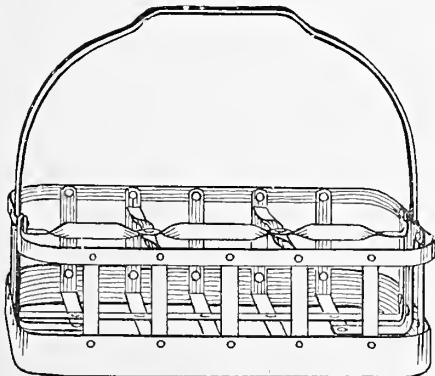
No. 940

## THERMOMETERS

No. 374	
Glass Dairy.	\$1.00 each.
No. 940	
Flange Dairy.	65c. each.
No. 1116	
Brooder.	50c. each

## Milk Bottle Carriers

Style C Carriers are made of rolled ribbon steel with steel band around bottom, the edge of which is  $\frac{1}{4}$  inch below the bottom of basket, which protects the bottom from wearing out as fast.



Style C, Milk Bottle Carrier

Price—6 Bottle (Quarts) Style C,	\$1.25
8 " " " "	2.00
6 " " " (with lower partition for qts. or pts.)	2.00
8 " " " (with lower partition for qts. or pts.)	2.25
4 " " (round wire)	.85
6 " " " "	1.00
8 " " " "	1.25
6 " " (flat wire)	1.50
8 " " " "	2.00

ORDER EARLY TO AVOID DISAPPOINTMENT



### STERILAC SANITARY MILK PAIL

Note the strainer cloth on which the milk strikes.

Note the dirt shelf which catches the dirt falling from the udder. The projecting top shields the strainer cloth from falling dirt. It is easy to use, because the opening is of ample width.

It does not spatter.

Price, \$3.00

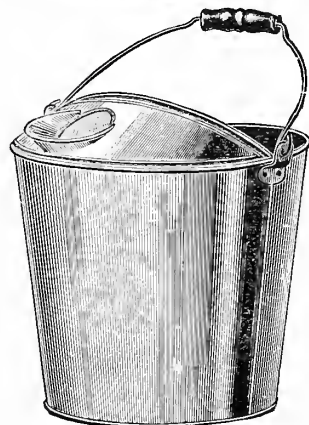
Price, seamless  
\$4.00



### Atlantic "Sanitary" Dairy Pail

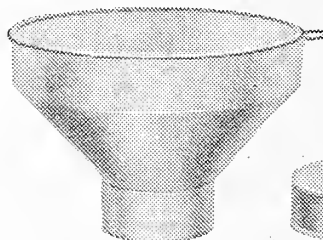
Soldered Inside and  
Outside

14 Quart, Price, \$2.00



### Portland Dairy Pail

14 Quart, Price, \$1.25



### SANITARY MILK STRAINERS

Extra heavy  
retinned seam-  
less.

70-Mesh Brass  
Strainer Cloth.

With extra slip foot for cloth.

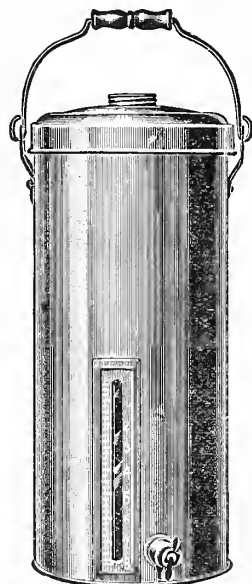
3 Quart	-	-	-	\$1.00
6 Quart	-	-	-	1.25
10 Quart	-	-	-	1.50

## Milk and Cream Scale

The cut represents a special scale designed for weighing milk in the pail, so as to determine the yield of each cow.

30 Pounds Capacity, Price, \$3.50

60 Pounds Capacity, Price, 4.00



Creamery Pail  
Price, \$2.00



### SMALL'S CALF FEEDER

Price, \$2.50

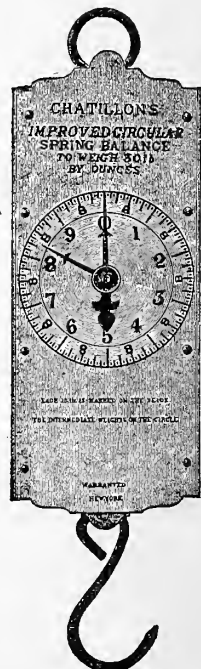
Extra Nipples 25c. each

## Milking Tubes

For Sore and Obstructed Teats and  
Hard Milking Cows



Price, Postpaid, 25c.



Milk Scale



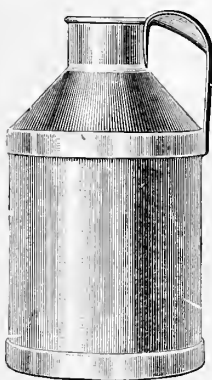
## THE NEW SHARPLES



### SUCTION-FEED TUBULAR CREAM SEPARATOR

The New Sharples Suction-feed Separator saves 50% in cost of operation, in labor of cleaning, in oil and in repairs and *it saves ALL the cream.* The New Sharples requires no speed indicators. It skims clean and produces cream of uniform density at any speed. 28 new features never before used in cream separator construction are represented in the New Sharples Suction-feed Tubular. It is absolutely automatic in its feeding, skimming and separating functions and, even in the hands of a beginner, it cannot lose butter-fat or produce uneven cream. **Write for Prices.**

*Catalogue Sent Free On Request.*



## MILK CANS

We can furnish any style  
or size

*Write for quotations*



WHAT B-K IS. B-K is a dairy sterilizer and purifier, having ten times the power of undiluted carbolic acid. Kills Bacteria and Destroys Foul Odors. One teaspoonful to gallon of water. Price \$2.50 per gallon.

## GRANGE GARGET CURE

Cures garget without in any way injuring the cow or lessening the flow of milk.  
Price 50c. per can

## WORCESTER SALT

The Standard of Quality

SEND US YOUR MAIL ORDERS

## IDEAL EAR BUTTON



**Absolutely the best  
on the market**

Clinches tight. Does not come out. Double tube gives double strength. Name and address on top, as shown, and number on bottom. Pure aluminum.

Prices—25	.	.	\$2.00
50	.	.	3.00
100	.	.	5.00

Postage prepaid

Name and address, not exceeding 18 letters, can be put on top cap.

## KOW=KURE

**The Great Medicine for Cows only**

It acts upon the digestive, generating and milk-secreting organs, keeping the entire system toned up and in perfect working order.

Price 50c. and \$1.00 per can

# We are agents for the **EMPIRE MECHANICAL MILKER**

## THIS CUT SHOWS TWO-COW UNIT ONE-COW UNITS SUPPLIED IF PREFERRED

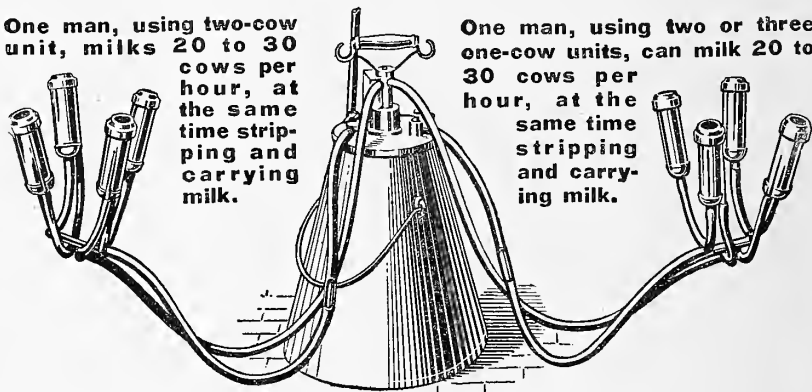
Only one pipe line needed. Pipe line easily run wherever convenient along cow stalls.

Operated by small, simple, quiet, light running vacuum pump driven by any suitable power. No compressed air used. Pulsating action relieves and massages teats. No air, dust or odors come in contact with milk.

Milk does not pass through pulsator.

All units now equipped with the new Empire Super-simple pulsator, the simplest and most efficient pulsator ever devised; thus adding another point of superiority for the Empire over all other Milkers.

One man, using two-cow unit, milks 20 to 30 cows per hour, at the same time stripping and carrying milk.



One man, using two or three one-cow units, can milk 20 to 30 cows per hour, at the same time stripping and carrying milk.

WRITE TO US

FOR EMPIRE CATALOGUE

All metal parts, special non-corrosive nickel, the same color and composition all through. Teat cups universal--fit all teats.

All parts interchangeable, accessible, easily cleaned and thoroughly sanitary.

### WE CARRY IN STOCK

BUTTER LADLES  
BUTTER BOWLS  
GRADUATING GLASSES  
BRUSHES FOR CLEANING  
MILK BOTTLES

BUTTER SPADES  
ACID MEASURES  
MILK PIPETTES  
SEPARATOR OIL  
TEST BOTTLES

### WELLS, RICHARDSON & CO.'S BUTTER COLOR

Purely Vegetable. Always gives satisfaction.

Small size	4 oz.	25c.
Medium size	10 oz.	50c.
Large size	24 oz.	\$1.00

## The Hayden Sanitary Milking Stool

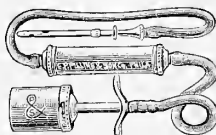


This Milking Stool is of galvanized iron, sanitary, strong, light and durable—lasts a life time. Made to displace the filthy, wooden stool in the modern tie-up.

Price \$2.00

## The Pilling Milk Fever Outfit

For Air Treatment



This treatment recommended by the Bureau of Animal Industry, United States Government, Department of Agriculture.

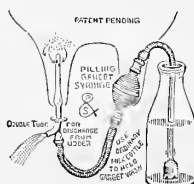
Price \$3.00 postpaid.

## Pilling Garget Outfit

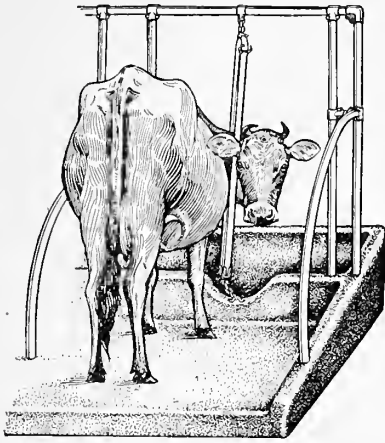
Made on scientific principles.

The only proper and successful treatment of garget.

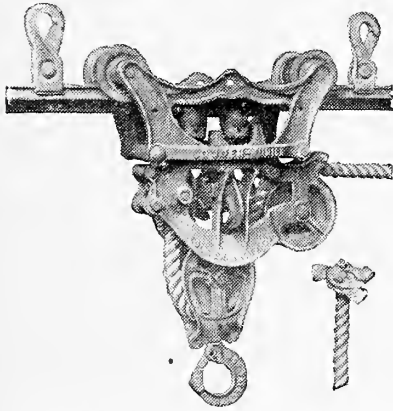
Price \$3.00 postpaid.



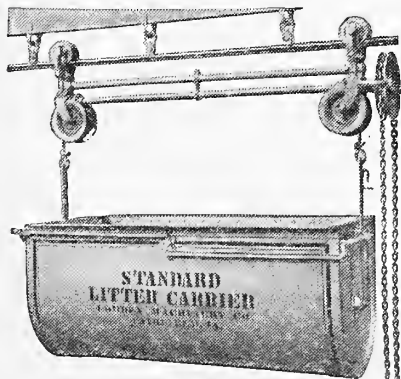
# TO MODERNIZE YOUR FARM === LOUDENIZE YOUR BARN



The Louden Steel Stall gives the cow the same comfort and freedom of movement she would have in the field.



For fifty years Louden Hay Tools have been the world's standard for strength, simplicity and efficiency.



Your time is too valuable to be spent pushing a wheelbarrow. A Louden Overhead Litter Carrier solves the problem.

## We Can Fit Up Your Barn Complete With Louden Modern, Sanitary Equipment

Louden equipment makes possible a clean, sanitary barn with a minimum of expense for upkeep.

When cows are transferred from dark, insanitary shelters to light, well ventilated, well equipped barns of the Louden type the milk flow invariably increases from 10 to 25 per cent., and the labor of caring for the herd is reduced by one-third or one-half.

The cost of installing Louden equipment is surprisingly small, and it is just as great an economy for the man with half a dozen head of cows as for the man who has to care for hundreds of animals. The percentage of labor saved is the same, and in either case it is 100 per cent. profitable.

We are prepared to quote you attractive prices on everything for your barn. The items illustrated are only a few products of the largest and most complete line of barn equipment made. Some of these products we carry in stock; others we can secure for you promptly.

### Going to Build or Remodel a Barn?

If so we shall be glad to secure for you, free of cost to yourself, a copy of Louden's \$1.00 book of barn plans. It's the most valuable collection of practical plans and dollar-saving building information ever published. Contains more than 50 plans, with complete description and estimated cost of construction.

It is yours for the asking.

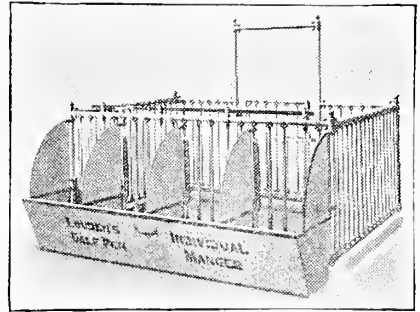
See us or write us in regard to your barn problems. We shall be glad to assist you, and to quote you lowest prices on your complete equipment.

### THE LOUDEN LINE INCLUDES

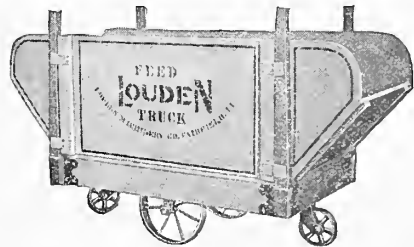
- Hay Tools
- Stalls and Stanchions
- Steel Pens
- Litter Carriers
- Feed Carriers
- Feed Trucks
- Door Hangers
- Horse Barn Equipment
- Cupolas and Ventilators
- Water Bowls
- Specialties



The Louden Tubular Steel Stanchion is the strongest, most comfortable cow tie made.



Louden Sanitary Steel Pens are made for cows, calves, bulls, sheep and hogs.



The time and feed you waste in a year would pay for a Louden Feed Truck.

If in doubt let us show you barns we have Loudenized.



## For Dairies, Creameries, Etc.



For cleaning vats, pasteurizers, strainers, cans, pipes, separators, and other articles in your plant that have become gummy or tainted with stale odors by the use of soap, soap powder, or some similar washing compound, there is nothing that accomplishes this task so easily, and at such little expense as Wyandotte Dairyman's Cleaner and Cleanser. A daily washing of the dairy or factory equipment will keep everything sweet and clean!

As you may already know, Wyandotte Dairyman's Cleaner and Cleanser is used by four out of every five butter and chcesemakers and by thousands of m'lk producers. It is the only cleaner recommended by State Dairy College Authorities. We know you will not be without it once you give it a thorough trial, and know what it does, and how little it costs to use.



### Price, F. O. B. Portland

Barrels (bulk) 280 lbs.	per lb.	\$ 0.05
Kegs " 80 "	" "	.06
Barrels (50-5 lb. sacks)	" bbl.	13.15
5 lb. sack	" sack	.35



## Hotels and Restaurants

Wyandotte Sanitary Cleaner and Cleanser when used for dish washing not only makes the dishes cleaner and brighter than is possible where soap is used, but it also makes the work easier. The same is true in the home.

Drain pipes, sinks, refrigerators, etc., are always kept free and open when Wyandotte Sanitary Cleaner and Cleanser is used.

A page of good news for Milkmen, Dairymen and Janitors

As a deodorizer and cleaner of everything about the hotel or home it is unsurpassed. We guarantee every claim and you assume no risks or fear of disappointment when you use Wyandotte Sanitary Cleaner and Cleanser.



### Price List, F. O. B. Portland

Barrels (bulk) 280 lbs.	per lb.	\$0.05
Kegs " 80 "	" keg	4.80
5 lb. sacks	" sack	.35

## Wyandotte Detergent

**can be used to advantage in cases  
where a combined abrasive and  
cleaner are needed**

Wyandotte Detergent is quite different in its nature from the "Wyandotte" Dairy or Sanitary Cleaner. It contains a fine, flaky grit which makes it an abrasive and scourer. It also has the freshening and sweetening properties of the other "Wyandotte" products.

For cleaning marble, tile, painted walls, and other similar surfaces Wyandotte Detergent is unsurpassed. It scours clean, but does not scratch, mar or dull.

Rusty ice cream cans are easily scoured clean with Wyandotte Detergent, and although Wyandotte Detergent is not a metal polisher, for cleaning corroded iron and brass pipes, railings, dirty sinks, urinals, cuspidors and the like it has no equal.



### Price List, F. O. B. Portland

Barrels (bulk) 250 lbs.	per lb.	\$ 0.06
" (50-5 lb. sacks)	" bbl.	16.50
Kegs (75 lbs.)	" keg	5.25
5 lb. sacks	" sack	.40

All prices subject to change without notice.



# Planet Jr. Garden Tools



The "Planet Jr." Catalogue is the best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

## No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, Complete, \$17.00  
Weight, 50 lbs.

As a Seeder only, \$13.50  
Holds  $2\frac{1}{2}$  Quarts of Seed



For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools.

## No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe

Price, Complete, \$11.50

No. 32 as a Drill Seeder  
Only \$9.25



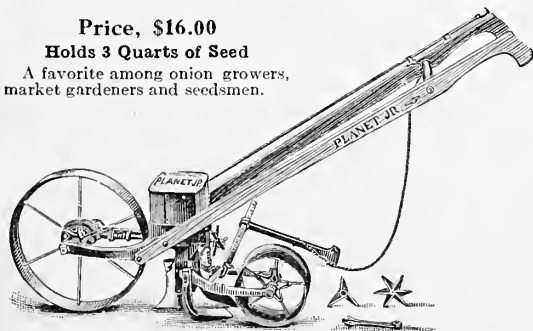
This new tool is of great value to gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener.

## No. 3 Planet Jr. Hill and Drill Seeder

Price, \$16.00

Holds 3 Quarts of Seed

A favorite among onion growers, market gardeners and seedsmen.



## No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

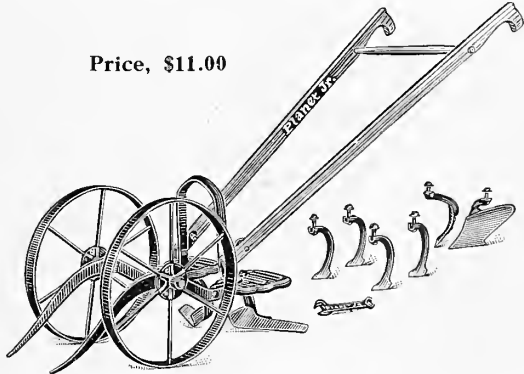
Price, \$20.00



A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe.

## No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$11.00



A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels.

## No. 33 Planet Jr. Single Wheel Hoe

Price, \$5.50



This combination will delight the suburbanite, the growing boy, women, younger or older, who will find it a light running wheel hoe that will save them hard work and

help much to supply the table with fine vegetables.

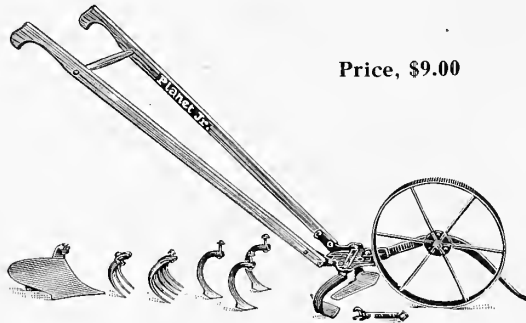


# Planet Jr. Garden Tools



We offer these **Tools** as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

## No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow



Price, \$9.00

The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.

Nos. 16, 17, and 17½ wheels, frames and handles are alike, but the attachments sold with each vary.

## No. 17 Planet Jr. Single Wheel Hoe

Price, \$7.50.

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth.

## No. 17½ Planet Jr. Single Wheel Hoe

Price, \$6.60

The pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it, are all the finest of their kind.



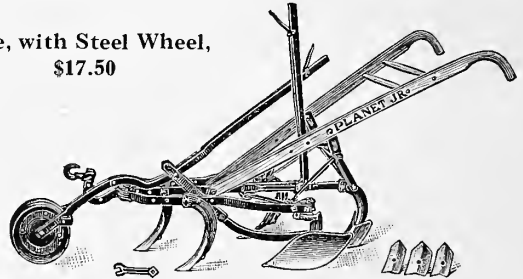
## No. 19 Planet Jr. Single Wheel Hoe, Cultivator and Plow

Price, \$5.50  
15 in. Steel Wheel

This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. The high wheel makes easy pruning.

## No. 8 Planet Jr. Combined Horse Hoe and Cultivator

Price, with Steel Wheel,  
\$17.50



Equipment: Four 3x8-in. plates, one 4x8-in. plate, two 6-in. side hoes, one 7-in. shovel, lever wheel, lever expander. Depth regulator.

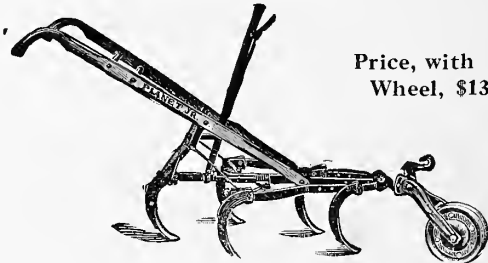
This is a general favorite, being easily understood and operated. The tool is especially strong, being braced so as to make a stiff, unyielding tool intended for long service.

## No. 9 Planet Jr. Combined Horse Hoe

Price, with Steel Wheel, \$15.00.

This Horse Hoe is identical with No. 8, except that it has no depth regulator and a plain wheel instead of lever wheel.

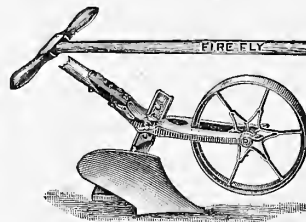
## No. 9 Planet Jr. Plain Cultivator



Price, with Steel  
Wheel, \$13.00

A light and strong tool, having improved patent hollow steel standards, parallel and extra high steel frame, patent lever expanders, handle braces and side adjustments for handles. Used with or without a wheel, the wheel being preferred.

## FIRE-FLY GARDEN PLOW



This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep, and deeper by going a second time in each furrow. Chicken raisers find it

of great advantage in plowing up their scratching yards.

Price, \$3.50



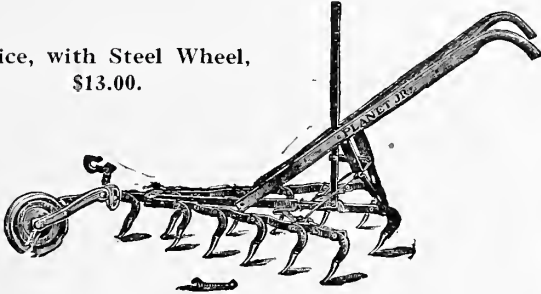


# Planet Jr. Garden Tools



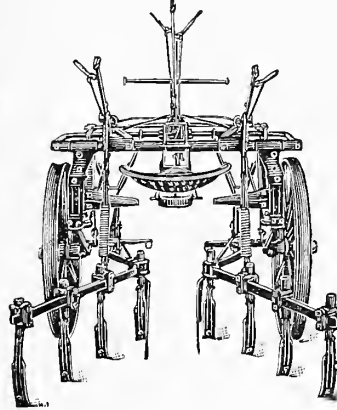
## No. 91 Planet Jr. Twelve-Tooth Harrow

Price, with Steel Wheel,  
\$13.00.



Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

## No. 76G Planet Jr. Pivot Wheel Riding Cultivator

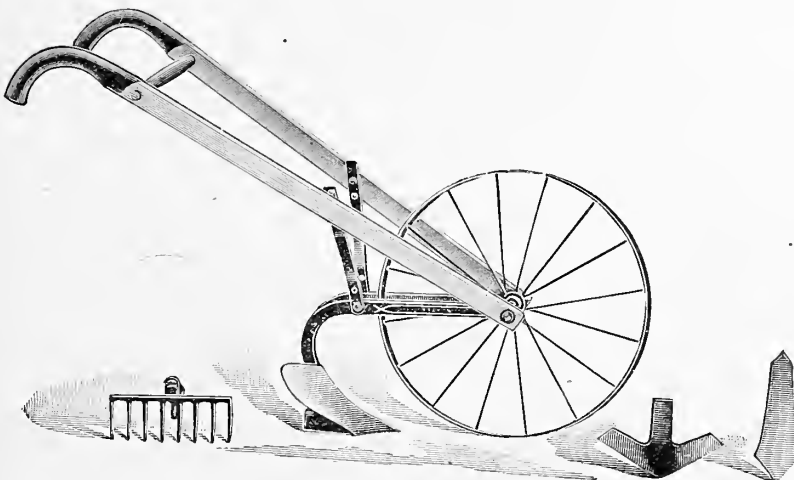


Weight, 531 lbs.

Fitted with  
Spring-trip Standards  
Price upon application

The No. 76 G combines nearly all the advantages of other Planet Jr. riding cultivators. The combination of the best parts of these tools in one would seem to make a machine which would be without a rival in popularity and usefulness. The arch is high, frame and tongue are of steel and the change in width of the wheels is all that could be desired. It has powerful levers, and the gang frame is strong. The standards are adjustable for depth, and to throw to or from the row. The extra wide arch is very desirable. The draft is arranged to insure satisfactory work in all conditions of soil.

## The Climax Single Wheel Cultivator



A sturdy, high grade, low priced garden cultivator with extra large wire spoke wheel.

Equipment consists of one double end cultivator tooth, one plow, one 11" sweep or coveree and one four-tooth rake.

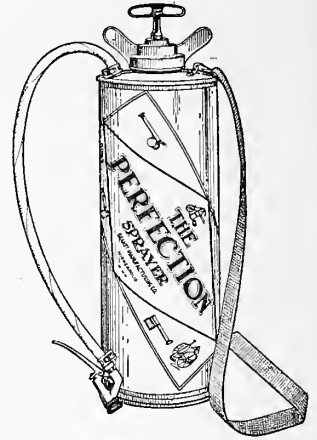
Price Complete \$6.00

## The "Perfection" Sprayer

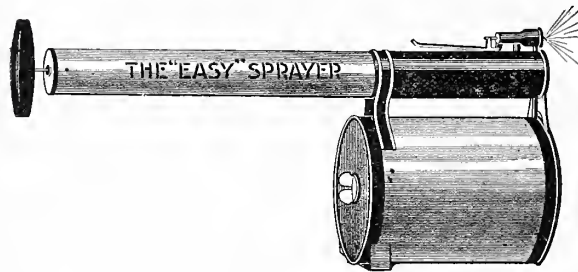
This is a Sprayer of high pressure type. It is larger, stronger and much more powerful than anything in its class.

For Spraying, Disinfecting or Whitewashing, on Plants, Bushes, Vines, etc. Pump has bronze ball valve, and is fastened to top of tank with heavy threads. Tank 7½ in. by 20 in., lock seamed with twenty-six rivets. Hose attached with clamps. All furnished with automatic shut-off nozzles which will handle whitewash and thin liquids without change of parts.

Galvanized Steel, \$6.50. Brass, \$8.50.



## The "Easy" Compressed Air Sprayer



The only one of its kind on the market. Strong and durable.

Has a large and strong pump, automatic shut-off nozzle, legs under tank. Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for large gardens, etc. It is made of galvanized steel. Holds one gallon.

Price, \$2.25

## The "NEW MISTY" Sprayer



A general purpose Sprayer, for farm, stable or garden uses. Handles fly-oils, bug poisons and disinfectants. Made of heavy tin. Holds one quart.

Price, 50c.

## The "MIDGET" Sprayer



A small Sprayer for house use. Will handle disinfectants, bug poisons, etc., etc. Made of heavy tin. Holds one pint.

Price, 30c



The B. D. Sifter is the latest hand device for applying BUG DEATH. It is practical, simple and economical.

Easy to operate and gives quick covering to all plants and vines requiring a top application.

Price, 75c.

## DICKEY BUG DEATH DUSTER



For use in applying BUG DEATH, DRY, to small flower or vegetable gardens.

Price, 40c

PRICES DO NOT INCLUDE POSTAGE OR EXPRESS CHARGES



Bamboo brass lined spray poles, 8, 10, or 12-ft. long. The inner tube is all in one piece, locked to the pole at both ends and will not turn inside of the bamboo. It is fitted with adjustable drip shield and is furnished either with or without stop cock. Note the end castings.

No. 42, price complete with cock, 8-ft. .... \$3.00  
 No. 43, price complete with cock, 10-ft. .... 3.25  
 No. 44, price complete with cock, 12-ft. .... 3.50

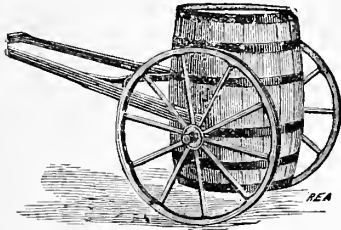
## "MODOC" BUCKET PUMP



This pump has features and qualities never shown before or found in a bucket pump.

The cylinder is very large and is made of heavy seamless brass tubing. The plunger is hollow, thus forming an air chamber which insures a steady flow of liquid. The pump is equipped with 3 feet  $\frac{1}{2}$ -inch spray hose attached with clamps.

Price, \$3.50



## Water Barrel Trucks

Water Barrel, Hand Cart, Leaf Rack

Adjustable to One Truck

All easily attached

Truck with  $1\frac{1}{2}$  in. tire \$13.50  
 Truck with  $2\frac{1}{2}$  in. tire 14.50

Barrels \$6.50  
 Box for cart 6.00  
 Leaf Rack 12.00

Sprinkler attachment \$5.00 Extra trunnions, per pair \$ .80

## The Skinner System of Irrigation

There are times in nearly every growing season when a crop could be saved or its value doubled if the grower could call down from the skies a soft, gentle rain of sufficient duration to abundantly water the crop. With the Skinner System of Irrigation the rainfall is at the command of the grower.

Not only will the Skinner System protect, against drought but it will distribute the water with a uniformity not otherwise possible. The moisture is applied in the way which is most advantageous to the soil and to the crop, without injury to the plant. Commercial fertilizers, insecticides and fungicides can be distributed through the Skinner System. All of this is accomplished with a minimum of labor. The early maturity of the crop, securing the advantage of better prices, and the more luxuriant and uniformly developed growth mean greater returns per acre.

*Prices on Application*





# INSECTICIDES AND FUNGICIDES



## STERLINGWORTH LIQUID BORDEAUX

A concentrated fungus remedy, used by dissolving in water.

Explicit directions for use on every can.

Prices: 1 qt. cans 45c. each, mailing weight 4 lbs.; 1 gal. cans \$1.50 each, mailing weight 13 lbs.; 5 gal. kegs \$5.00.



## STERLINGWORTH POWDERED TOBACCO

An effective and cheap remedy for many bugs, worms, lice and spiders on Cabbage, Squashes, Melons, Cucumbers, Potatoes, Plants, etc. It is for use while the vegetation is damp.

Prices: 1 lb. box 15c., mailing weight 2 lbs.; 100 lb. sacks \$5.50 each.



## STERLINGWORTH FISH OIL SOAP

It has the value of Fish or Whale Oil Soaps and the additional insect killing properties of tobacco. Useful against scale, plant lice, and all other sucking insects on trees, shrubs, plants, vines, etc. One pound makes 2 to 5 gallons of spray. Prices: 1 lb. box 25c., mailing weight 2 lbs.; 5 lb. box \$1.00, mailing weight 6 lbs.; 10 lb. box \$1.75, mailing weight 11 lbs..



## STERLINGWORTH HE-BO

A SUBSTITUTE FOR POWDERED HELLEBORE

and will be found satisfactory for use against rose slugs, currant worms, cabbage worms, and many other leaf eating insects where a milder poison than Paris Green or Arsenate of Lead is desired.

Prices:  $\frac{1}{2}$  lb. box 20c., mailing weight 1 lb; 1 lb. box 30c., mailing weight 2 lbs.

## STERLINGWORTH LIME AND SULPHUR WASH



A most effective remedy for San Jose Scale, Oyster Shell Scale, Scurfy Scale and many Fungi. It is of a beautiful, clear cherry color, triple filtered, free from sediment and will not clog the spraying apparatus. It is ready for use by adding cold water. No heating is necessary. Prices: 1 qt. cans 30c., mailing weight 4 lbs.; 1 gallon cans \$1.00, mailing weight 13 lbs.; 5 gallon jacket cans \$3.50 each; 10 gallon jacket cans \$5.25 each.

## STERLINGWORTH ARSENATE OF LEAD



For all leaf-eating insects. Sterlingworth Arsenate of Lead has many advantages over many other arsenical preparations as an insecticide. Its chief advantages are its great adhesive power and its harmlessness to the foliage. Prices 1 lb. 35c., mailing weight 2 lbs.; 2 lbs. 65c., mailing weight 3 lbs.

## STERLINGWORTH KEROSENE EMULSION



It kills the green plant louse, scale and most soft bodied and sucking insects. Prices: 1 pt. cans 25c. each, mailing weight 2 lbs.; 1 qt. cans 40c. each, mailing weight 4 lbs.; 1 gallon cans \$1.00 each, mailing weight 11 lbs.

## STERLINGWORTH POWDERED HELLEBORE



For use against rose slugs, currant worms and other leaf-eating insects.

Sterlingworth Hellebore, is the fine powdered kind that is ground from pure, fresh, prime root and put up in the round tight sifter-top box.

Prices:  $\frac{1}{4}$  lb. box 20c.,  $\frac{1}{2}$  lb. box 40c., mailing weight 1 lb.; 1 lb. box 75c., mailing weight 2 lbs.

## STERLINGWORTH PLANT LICE KILLER



This is prepared exclusively for aphids or plant lice and spiders on house plants and vegetables. It is useful against most of the small sucking insects which infest house plants and greenhouse flowers. It is used by diluting one part of killer in fifteen parts of water, and may

be applied by spraying or sprinkling.

Prices: 1 pt. cans 25c., mailing weight 3 lbs.; 1 gal. cans \$1.50, mailing weight 11 lbs.



## STERLINGWORTH WEED KILLER

Kills weeds in walks, drives and tennis courts where no vegetation is wanted. A powder used by dissolving in water. 1 lb. makes

10 gallons. Prices, lb. 50c., Parcel Post weight 2 lbs.; 5 lb. pkg. \$2.00, Parcel Post weight 6 lbs.



## STERLINGWORTH ANTI CROW CORN OIL

Protects newly planted corn from crows. Mix 1 part Anti Crow Corn Oil with 2 parts hot water. Prices: pt. 25c., Parcel Post weight 3 lbs., qt. 40c. Parcel Post weight 4 lbs., gal. \$1.25, Parcel Post weight 13 lbs.

## WARNCKE'S CUTWORM FOOD



It consists of a material that is more delicious and is much more preferred by the cutworm than the plants themselves. It is sprinkled on the ground around the plant just as it is found in the package.

Prices: 1 lb. package, 25c., (by mail, 35c.), 5 lb. box, \$1.00.

## TREE TANGLEFOOT

A most simple, effective and economical means of protecting trees against gypsy, brown-tail or tussock moth, caterpillars, canker worms, climbing cut worms, ants or any other climbing pests.

Prices: 1 lb. can, 30c., 3 lb. can, 85c., 10 lb. can, \$2.65, 20 lb. can, \$4.80.

## STERLINGWORTH AR-BO



**"A Combined Insect Killer and Fungous Remedy.** Does what Bordeaux, Paris Green, Arsenate of Lead will do, all in one application. Sticks like glue. It kills the bugs and prevents blights, rots, rusts, at one job. One pound makes 5 gallons by mixing with water. Prices: 1 lb. 35c., mailing weight 2 lbs.; 5 lbs. \$1.50, mailing weight 7 lbs.

## STERLINGWORTH ANT-I-CIDE



A powder for use against ants in lawns and gardens.

One pound covers about 200 square feet. Prices: 1 lb. box 25c., Parcel Post weight 2 lbs., 5 lb. tins \$1.00, Parcel Post weight 6 lbs.

## STERLINGWORTH NO-SCAB



For preventing potato scab and certain grain smuts.

Grain smut prevails wherever oats and other grains are grown. It is frequent to observe a loss of as much as 40% of the value of the whole crop from this disease. Potato Scab is also more prevalent each year. Never plant potatoes without first treating them with **No-Scab**.

For Potato Scab, and to destroy other germs on seed potatoes, soak two hours in **Sterlingworth No-Scab**, 1 pound to 15 gallons of water. Dry the potatoes after soaking.

Prices: ½ lb. bottle, 50c., mailing weight 3 lbs. **Aphine.** The insecticide that kills aphids, green fly, thrip, red spider, etc. Full directions for use on each can. ¼ pt. can, 25c., ½ pt. 40c., 1 pt. 65c., 1 qt. \$1.00, 1 gallon, \$2.50.

**"Black Leaf 40".** Tobacco Extract is the strongest extract of tobacco made, being 40% pure nicotine.

Recommended for black Aphids and sucking insects of all kinds. Directions for use on each package. Price: 1 oz. bottle, 25c., ½ lb. tin, 75c., 2 lb. tin, \$2.50, 10 lb. can, \$10.75.

**Nico-Fume Liquid.** Used as a spray or as a vapor. Does not stain nor injure blooms, ¼ lb. can 50c., 1 lb. can \$1.50.

**Paris Green.** For potatoes, etc. Strictly pure. ½ lb. 40c., lb. 75c. Subject to market changes.

**Tobacco Dust.** Stothoff's "Fumigating Kind." For burning. Lb. 10c., 5 lbs. 25c., 50 lbs. \$2.25, 100 lbs. \$4.50.

**Tobacco Stems.** For fumigating. Per lb. 5c., 5 lbs. 20c., 50 lb. sack, \$1.50, 100 to 300 lbs. \$2.00 per 100 lbs.



**"CORONA DRY"**

(Arsenate of Lead)

**For Applications with Water on Fruit Trees, Potatoes, etc.**

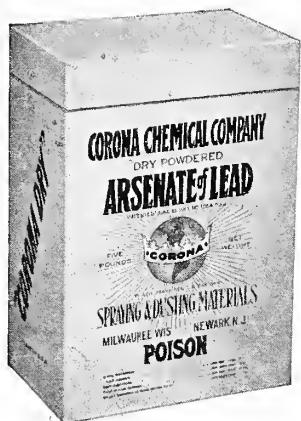
It has been demonstrated by large and practical usage that "Corona Dry" is the most successful Arsenate of Lead that has ever been produced.

It is the result of an extended period of investigation and research to obtain a powdered product *superior* to the old paste material and other dry Arsenates of Lead that are now on the market.

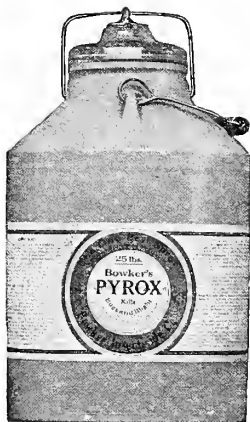
It gives an even application, covers more thoroughly and sticks to the foliage longer. It mixes easily and readily in water.

**One pound of "Corona Dry" will do the work of three pounds of paste and do it better.**

There is no sediment, no lumps left over in the bottom, no waste. It will never clog the spray nozzle.  $\frac{1}{2}$  lb. pkg. 30c. 1-lb. pkg. 55c., 5-lb. pkg. \$2.50, 10-lb. pkg. \$4.50, 25-lb. drum \$11.00, 50-lb. drum \$21.50, 100-lb. drum \$42.00. *Net f. o. b. Portland.*

**Bowker's Pyrox**

The one best spray for all leaf-eating insects. Does all that Arsenate of Lead will do, besides protecting trees, shrubs, vegetables and plants against fungus diseases, one application answering both purposes, saving labor and expense. "Sticks like paint" in spite of even heavy rains. Guaranteed under the National Insecticide Act. All ready to use by adding water. 1 lb. 35c., 5 lbs. \$1.40, 10 lbs. \$2.50, 25 lbs. \$5.75, 50 lbs. \$10.75, 100 lbs. \$20.00.



Bug Death is absolutely harmless to the life of the plant, and because this is so is just the reason it is so vastly superior to any other insect destroying preparation. Kills all bugs and worms that chew the leaves and foliage. Contains no Paris Green or Arsenic. May be used dry or in solution.

Prices: 1 lb. package, 15c., 3 lb. package, 40c., 5 lb. package, 55c., 12 $\frac{1}{2}$  lb. package, \$1.25, 100 lb. keg, \$7.50.

Pat. March 16 and Nov. 9, 1897

**"SCALECIDE"**

"SCALECIDE" is a mild, smooth, easily applied spray that will not clog your hose nor corrode your machinery. It keeps tree clean and healthy, and effectively takes care of the leaf roller, bud moth, case bearer, San Jose scale, and all kinds of scale. The fungicidal action of "SCALECIDE" will also check such deadly diseases as apple canker and collar rot, and it will also show an invigorating effect on tree growth.

"SCALECIDE" can be instantly prepared by simply adding 15 gallons of water to every gallon of the concentrated material. It will mix in almost any kind of water, but rain or soft water are best. "SCALECIDE" will not freeze before mixing with water, and you can apply it on any clear day when the thermometer is above 40 Fahrenheit, after the leaves begin to drop in the Fall, or until the buds begin to show green in the Spring.

Prices: 1 qt. can 55c.; 1 gallon can, \$1.40; 5 gallon can, \$5.00. Special prices quoted on application for larger quantities.



No long stories or big claims about this Fly Oil. We think it is the best one made. Buy a

can. Use half of it. If you are not satisfied bring us the half-empty can and get your money back. Protects all day in ordinary weather. Flies hit by it are killed, others are kept off by the odor. Applied with a brush, rag or hand sprayer. It pays to protect. Prices: 1 qt. can 30c., mailing weight, 4 lbs., 1 gal. can \$1.00, mailing weight 11 lbs.

## GUARANTEED CATTLE OIL



## STERLINGWORTH SHEEP DIP



A standard article for preparing an effective and economical dip for ridding sheep of ticks, lice and scab, also kills certain fleas, lice and gnats on horses,

cattle and hogs.

One gallon makes 56 gallons of strong dip by mixing with water.

Prices: 1 qt. 50c., Parcel Post weight 4 lbs., 1/2 gal. 90c., Parcel Post weight 7 lbs., 1 gallon can \$1.50, Parcel Post weight 11 lbs.

### Rogers Dry Lime Sulphur.

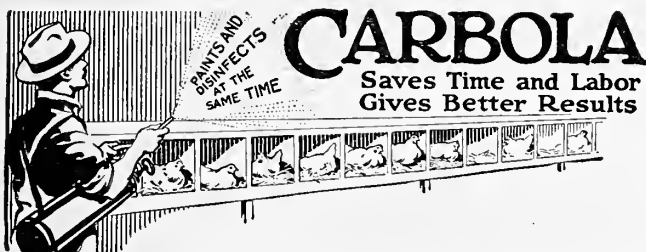
In Rogers Brand of Dry Lime Sulphur we find successfully combined lime and sulphur in a dry form and producing a compound which has all of the insecticidal and fungicidal qualities of the liquid material and all of its advantages with none of its disadvantages. Safe and effective not only as a dormant spray but also as a summer spray in combination with arsenate of lead.

From 10 to 12 pounds of Rogers Dry Powdered Lime Sulphur dissolved in 50 gallons of water should be used as a dormant spray against scale, etc.

From 2 to 3 pounds to 50 gallons of water in combination with the usual preparation of Dry Powdered Arsenate of Lead or Paste Arsenate of Lead should be used for summer spraying on all seed fruits such as apples, pears, quinces, etc.

From 1 to 1 1/2 pounds to 50 gallons of water in combination with the usual strength of Arsenate of Lead should be used for summer spraying of peaches, plums, etc.

Prices: 1 lb. pkg. 30c., 5 lb. pkg. \$1.25



carefully conducted poultry, dairy, and breeding farms.

Carbola dries white—not dark or colorless—so that it makes poultry houses, stables, cellars, etc., cheerful, brighter and better looking, at the same time it is disinfecting.

Carbola comes in powder form packed in convenient sized packages and is ready to use just as soon as it is mixed with cold or hot water. It has no disagreeable odor to taint milk or other food products. One gallon will cover approximately two hundred and fifty square feet of surface.

Prices: Trial pkg., postpaid 35c., by express 25c.; 10 lbs. (10 gals.) \$1.00; 20 lbs. (20 gals.) \$2.00; 50 lbs. (50 gals.) \$4.00.

AGENTS FOR

# LISTER'S STANDARD FERTILIZERS

A FERTILIZER FOR EVERY CROP AND DIFFERENT SOIL REQUIREMENTS

## GUARANTEED ANALYSIS

	Ammonia	Ava. P. A.	Potash
Lister's Success - - -	1½	10	1
Lister's Corn and Potato - - -	2½	8	1
Lister's High Grade Special - - -	2½	10	1
Lister's Standard Super. of Lime - - -	3	9	1
Lister's Potato Manure - - -	5	8	1
Lister's Superior Ammoniated Superphosphate	4	10	0
Lister's Special Potato Fertilizer - - -	5	10	0

WRITE US FOR QUOTATIONS

## Sheep's Head Brand Pulverized Sheep Manure

A complete natural fertilizer, supplying all the necessary plant food elements—Nitrogen, Phosphoric Acid and Potash—in combination with organic matter or humus, and it is this natural combination that produces the peculiar action and effect in the soil which can only be had from animal manures. It can be used without fear of weeds and foreign grasses that always follow the application of ordinary stable manures.

Sheep manure is probably more largely used in greenhouse growing of flowers and vegetables for market than any other fertilizer, because it is safe, and can be relied upon for quick, sure results. It is unequalled for either dry or liquid top-dressing, especially for carnations, chrysanthemums, asters, and other hardy floral crops.

5 lbs. 35c., 10 lbs. 50c., 50 lbs. \$1.50, 100 lbs. \$2.75.



## ASHES

### CANADIAN UNLEACHED HARD WOOD

Excellent top dressing for lawns and grass land. It gives to the grass, a rich, dark shade of green, and will destroy many of the insects that are injurious to grass roots. A superior lawn dressing.

■ Guaranteed to contain 3 to 5% Potash.

■ 100 lbs., \$1.75, ton, \$32.00.

**Pure Ground Bone.** Excellent for lawns, gardens, etc. Price, per 50 lbs., \$1.75, per 100 lbs., \$3.00.

We always have in stock the following Fertilizers and Chemicals, but owing to the unsettled condition of the market, we ask that you write us for quotations.

Agricultural Lime

Bordeaux Lime

Land Plaster

Acid Phosphate

Nitrate of Soda

# Mulford Cultures

FOR LEGUMES

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil.

Mulford Cultures are prepared for

ALFALFA  
CRIMSON CLOVER  
SWEET CLOVER  
RED CLOVER

ALSIKE CLOVER  
COW PEAS  
SOY BEANS  
VETCH

SWEET PEAS  
GARDEN PEAS  
GARDEN BEANS

Be sure to specify the particular legume on which you desire to use the Mulford Cultures. Prices: 5-acre size \$5.00, 1-acre size \$1.50, garden size (¼-acre) 50c., trial size 25c.



# Cyclone Sanitary Wire Fencing

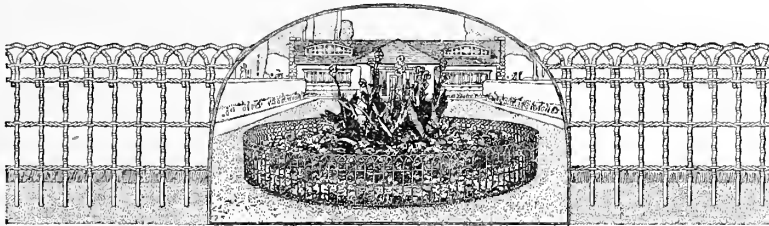
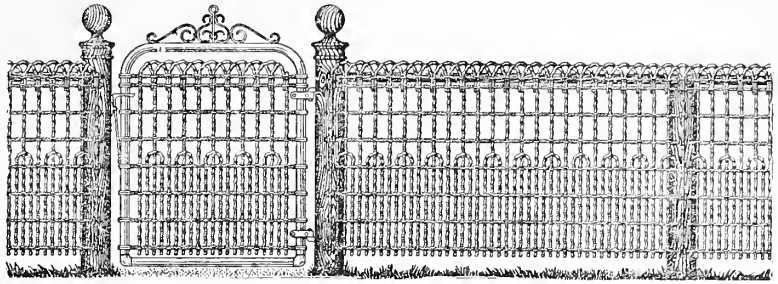
## Style "F" Fabric

is the most popular and closest mesh sanitary fence. Pickets full weight, full height, full gauge No. 9 heavily galvanized wire spaced  $1\frac{1}{2}$  inches apart at bottom,  $2\frac{1}{4}$  inches at top, making fence absolutely chicken tight.

Best heights are 36, 42, and 48 inches. Other heights from 24 up to 84 inches made to order.

### Style "F" Price per Lineal Foot

36-inch, 14c., 42-inch,  $15\frac{1}{2}$ c., 48-inch,  $17\frac{1}{2}$ c.



### Cyclone Tree Guards

let in fresh air and sunlight around the trees. Made 6 feet high of heavily galvanized wire in 3 diameters.

Price, each, 9-inch diameter, \$1.00, 12-inch diameter, \$1.10, 15-inch diameter, \$1.25.

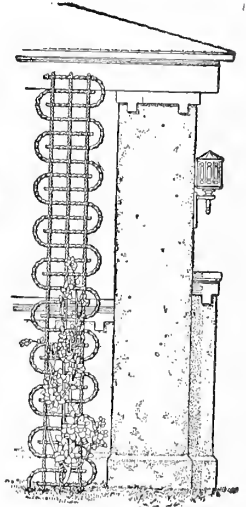
### Cyclone Flower Bed Border

fits any shape or form of flower bed. Ends left straight to be inserted in the ground. No posts necessary. Pickets No. 9, cables No. 13, heavily galvanized wire.

Price per lineal foot, 16-inch height, 8c., 22-inch height, 9c.

A perfect vine trainer at a trifling cost. Crimped wires No 10, cables No. 13 heavily galvanized.

Price per lineal foot, 18-inch width 7c., 24-inch width 9c.



### Cyclone Ornamental Walk Gates

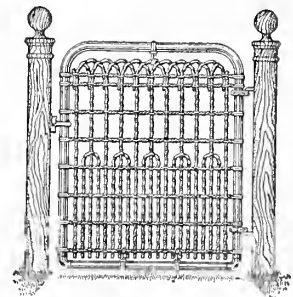
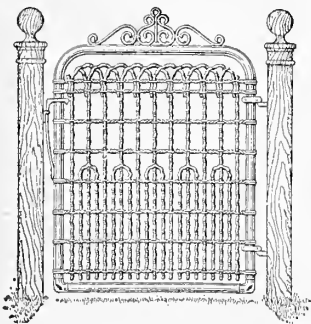
Frames made of heavy high grade steel tubing with ornamental scroll tops and style "F" Fabric; furnished with wood posts hinges and latch, ready to hang to posts.

Choice of 36, 42 or 48-inch heights.

Price 3-foot opening, \$3.50, Price  $3\frac{1}{2}$ -foot opening, \$4.00.

### Cyclone Universal Gates

Suitable for any home. Practical for front or back yards. Frames of heavy high carbon steel tubing  $1\frac{1}{4}$  inches in diameter; fabric style "F". Furnished with wood post hinges and latch. Choice of 36, 42 or 48-inch heights. Price 3-foot opening, \$3.00, Price  $3\frac{1}{2}$  foot opening, \$3.50.



## Dutch Bulbs for Fall Planting

Those beautiful early spring flowers you so much admire are the result of only a small amount of labor in the fall.

Our special Bulb Catalogue of Tulips, Hyacinths, Narcissus, Crocus, Lilies, etc., we issue September 1st. This catalogue we gladly mail to those interested. Send full name and address that we may send you a copy.

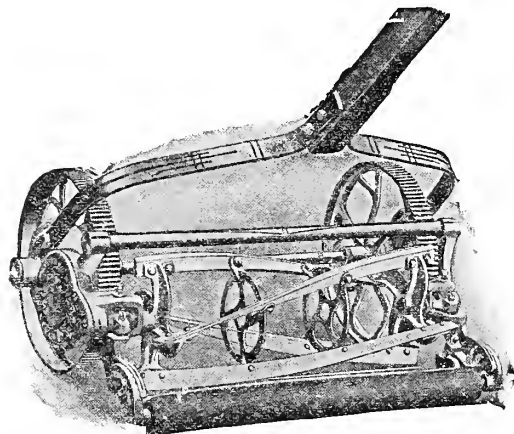
Special prices quoted on large orders to be packed separately at the grower's and shipped with our general consignment. These orders must be in our hands by July 1st.



# Genuine "Philadelphia" Lawn Mowers

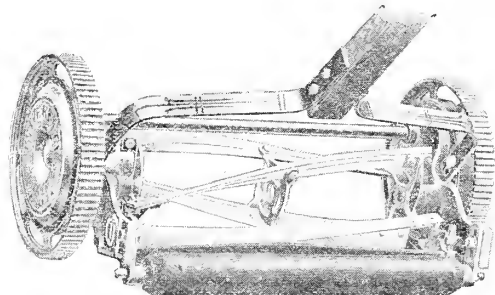
## Standard Mowers of the World

### Style "A" All Steel



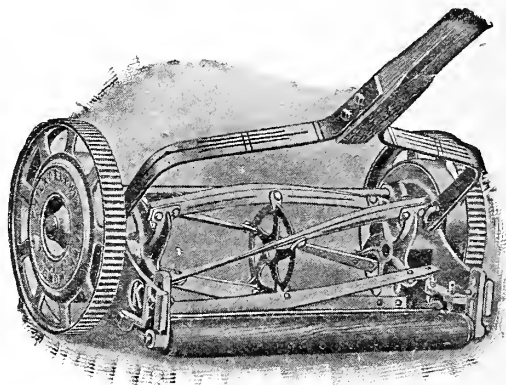
Superior in all points, being made entirely of steel, is much lighter in weight and draft. Having long and large bearings, is more durable and its construction perfect for fine work. 10-inch wheels, 4 blades, 6 ½-inch cylinder, Train of Three gears, double ratchet making both wheels drivers. Prices, 17-inch, \$18.00, 19-inch, \$19.00, 21-inch, \$20.00.

### Style UNIVERSITY



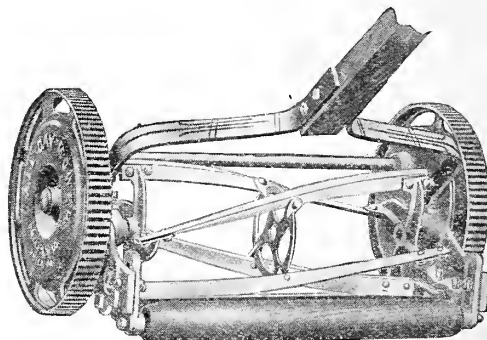
9-inch Open Wheels, 4 Blades, 5 ½-inch Cylinder, Single Pinion, Geared on both sides. Prices: 16-inch, \$8.50, 18-inch, \$9.50.

### Style "K"



High wheels, it runs light, five knives, it cuts smooth and even. They always give satisfaction. Prices, 16-inch, \$13.00, 18-inch, \$14.00, 20 inch, \$15.00.

### Style ALL DAY



It is the superior of all others of its class. It is mechanically proportioned so as to run light and do fine work. 10-inch wheels, 4 blades, 6 ½-inch cylinder, single pinion, geared on both sides. Prices, 16-inch, \$9.50, 18-inch, \$10.00.

## Lawn Mowers

### Philadelphia Improved EAGLE Horse Mower

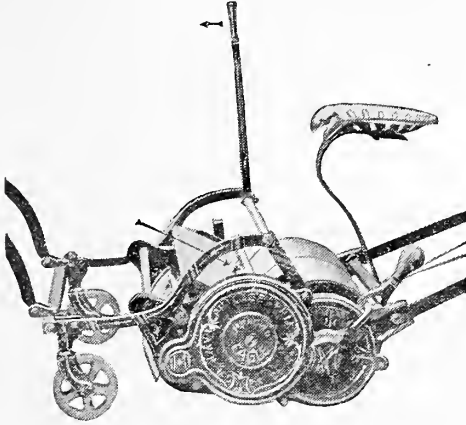
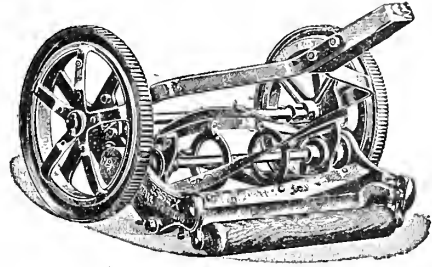


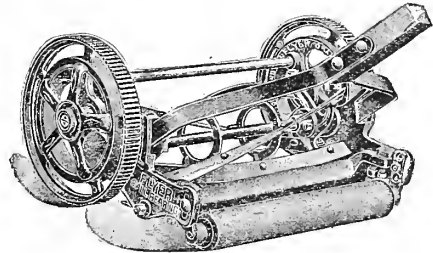
Illustration shows the Mower with Frame Raised so as to clear obstructions on lawns, walks, etc. Price, 30-inch, 5 blades, \$90.00. With seat and shafts and draft pole and side draft attachment.

### ESSEX Ball-Bearing



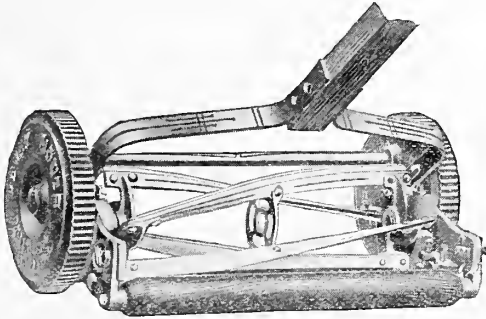
The highest type of a double gear grass cutting machine. The 11 in. drive wheels make it the easiest running mower in the world. It is made with a reel or wiper of over 6 in. in diameter (four blades) which enables the user to cut much higher grass than can be cut by the ordinary mower. 16-in., \$14.00; 18-in., \$15.00.

### TOWNSEND'S FLYER Ball-Bearing



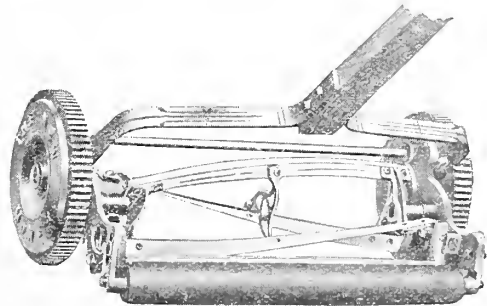
This lawn mower construction is so built to give a ball bearing mower at a very low price. It is the strongest, lightest running mower of its class. Has a 9-in. wheel, 5½-in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. Prices, 14-in. \$8.00, 16-in. \$9.00.

### Style DEWEY

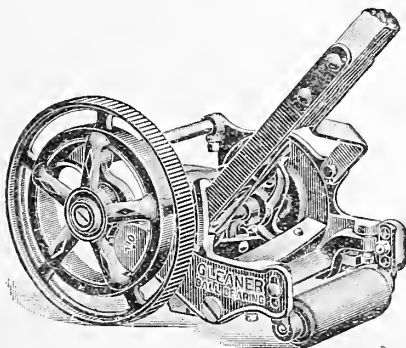


8-inch Wheels, 4 Blades, 5¼-inch Cylinder, Single Pinion, Geared on both sides. Prices: 14-inch, \$7.50, 16-inch, \$8.00.

### Style NEW



8-inch Wheels, 3 Blades, 5¼-inch Cylinder, Single Pinion, Geared on both sides. Prices: 14-inch, \$6.00, 16-inch, \$6.50.



Gleaner Lawn Trimmer

Does what lawn mowers leave undone. Trims and edges the lawn with remarkable speed and perfection. 9-inch wheel ball-bearing; 4 steel blades, 8-inch cut. High grade in every particular.

Price, \$7.00

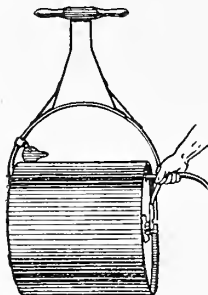


## RUBBER GARDEN HOSE

25 and 50 foot lengths coupled



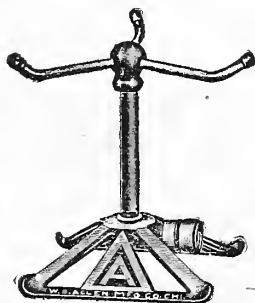
## DUNHAM "WATER-WEIGHT" ROLLER



The Dunham "Water-Weight" Roller is electric welded, making the water section one solid drum. No rivets are used. It cannot leak. The rolling surface is perfectly smooth, and cannot cut up the lawn. They are roller bearing and easy to operate. Made in one section, as shown in cut, or with two sections. The handle lock attachment locks the handle to the drum when the roller is not in use, so that the handle remains upright.

Ask for a free copy of  
"Proper Care of Lawns."

	No.	Diam. Inches	Length Inches	Sec- tions	Weight Empty	Filled with Water	Price				
Flushing— $\frac{3}{4}$ -inch, 5-ply . . . .	14	cents	per	foot	WB 3	14	20	1	65 lbs.	200 lbs.	\$11.50
“ $\frac{1}{2}$ -inch, 5-ply . . . .	13	“	“	“	WB 5	18	24	1	80 “	310 “	13.50
Tornado— $\frac{3}{4}$ -inch, 5-ply . . . .	17	“	“	“	WB 7	24	24	1	115 “	500 “	17.50
“ $\frac{1}{2}$ -inch, 5-ply . . . .	16	“	“	“	WB 9	24	32	1	130 “	650 “	19.50
Princeton Cotton— $\frac{3}{4}$ -inch . . . .	16	“	“	“	WB 11	18	24	2	100 “	330 “	18.50
“ “ $\frac{1}{2}$ -inch . . . .	15	“	“	“	WB 13	24	32	2	260 “	650 “	24.50



### "Mayflower" Lawn Sprinkler

On sled base; 3-arm revolving.

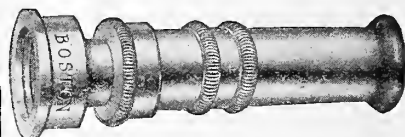
Price, \$1.25.

By Parcel Post, \$1.40.



Fountain Lawn Sprinkler

Made of heavy brass. Price, 50c., by Parcel Post, 55c.



### New Boston Hose Nozzle

Will throw a coarse or fine spray or a large or small stream as may be desired.

Price, 60c., by Parcel Post, 70c.



The "Crescent"

### The "Crescent" Lawn Fountain Sprinkler

It throws all the water to the front and sides.

Price, 50c., by Parcel Post, prepaid, 55c.



"Square Fountain"

### "Square Fountain"

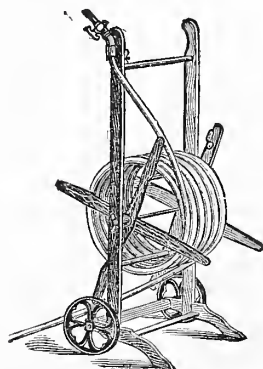
As gentle and even as rain drops. Extra heavy brass. Built to stand the knocks. Price, 35c. By Parcel Post, prepaid, 40c.



### Perfect Clinching Hose Mender

It leaves the hose as smooth and strong and tight as a new hose.

$\frac{1}{2}$  and  $\frac{3}{4}$ -inch each. 10c. Doz. \$1.00.



### Hose Reels

Wood, \$1.00 each.

All iron, \$1.50 and \$2.50

## Watering Pots



4 quart Galvanized Iron	55c. each
6 quart Galvanized Iron	65c. "
8 quart Galvanized Iron	75c. "
10 quart Galvanized Iron	85c. "
12 quart Galvanized Iron	\$1.00 "
16 quart Galvanized Iron	\$1.25 "
1 quart Painted Tin Parlor	50c. "
2 quart Painted Tin Parlor	55c. "
4 quart Painted Tin Parlor	75c. "
6 quart Painted Tin Parlor	90c. "
8 quart Painted Tin Parlor	\$1.15 "

### "TYRIAN" Plant Sprinklers

For sprinkling plants and flowers in house or garden.

4 oz. size, bent neck	50c. each
6 oz. size, bent neck	65c. "
8 oz. size, bent neck	70c. "
10 oz. size, bent neck	80c. "
4 oz. size, straight neck	50c. "
6 oz. size, straight neck	65c. "
8 oz. size, straight neck	70c. "
10 oz. size, straight neck	80c. "





Standard Pruner

## STANDARD TREE PRUNERS

Waters' Pattern

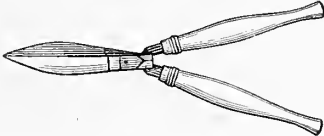
8 feet long, price each	-	-	\$0.85
10 " " " "	-	-	.90
12 " " " "	-	-	1.00
14 " " " "	-	-	1.10
16 " " " "	-	-	1.15
Extra Blades	-	-	.15

## TELEGRAPH PRUNERS

With Socket for Handle

Each	-	-	\$1.00
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## HEDGE SHEARS

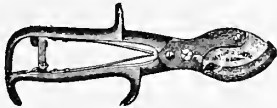


8 in., \$2.00; 9 in., \$2.25; 10 in., \$2.50;  
12 in., \$3.25. With notch, 25c. extra.

## BUDDING AND PRUNING KNIVES

50c., 75c., \$1.00 each.

## PRUNING SHEARS



Taylor Pattern, with coil spring, 9 inches	-	Each	\$0.40
California Pattern, with volute spring	-	-	-
9 inches, - - - - -	-	"	.60
Swiss Pattern, polished, 9 inches	-	-	1.75
Levin Pattern, 7 inches, - - - - -	-	"	.50

Sent by parcel post, prepaid.

## WIRE FRUIT PICKER GARDEN LINE REEL



Each, 35c.



Price, \$1.25

## STEP LADDERS



## GARDEN LINES



Hub, per foot	-	-	40c.
Challenge, " "	-	-	50c.
Imperial, " "	-	-	40c.
Italian Hemp, 100 feet	-	75c.	

Prices quoted in Catalogue are subject to change without notice

## ASBESTOS TORCH

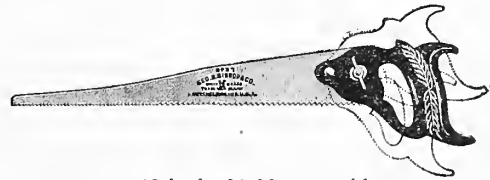
It will be found exceedingly effective in destroying nests of caterpillars, so destructive to fruit and shade trees. Attach the torch to the end of a pole of suitable length; saturate with kerosene oil, light, and hold under the nests.

Price, 25c.

By Mail, 35c.



## UNIVERSAL PRUNING SAW



18 inch, \$1.00 postpaid



The best on the market.  
1/4 lb. pkg. 10c.; 1/2 lb. pkg. 15c.;  
1 lb. pkg. 30c.

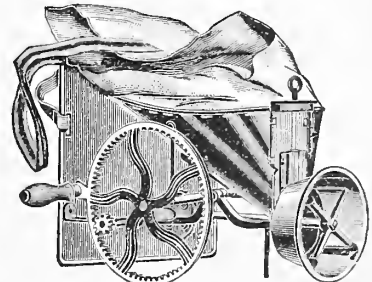
## GRAFTING CHISEL



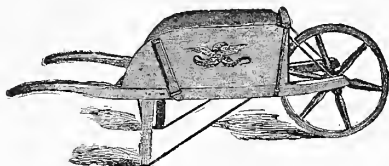
Made from the finest cast steel.

Price, each - - - - - 70c.

## Cahoon Broadcast Seeder



Sows all kinds of clover, grass and grain seeds; it will throw forty feet.  
Parcel post weight, 9 lbs. Price, \$3.00



## WHEEL BARROWS

For Farm and Garden Use

**A. S. L. Garden.** This Barrow is made from the best seasoned timber. The end of the bottom is cut into the back sill, thus preventing the splitting or breaking of the bottom boards. The wheel has a cast iron hub with white oak or ash spokes and rims. The axle is wrought iron, with turned arbors.

No. 4, \$6.25

No. 5, \$7.00

### "AMES" GARDEN

Price: No. 4, \$6.00; No. 5, \$6.50.

### CHICOPEE LEAF RAKE

This can be attached to any size wheel-barrow. It is most convenient for gathering leaves, cut grass and rubbish. It can be taken apart, occupying but little space when not in use.

Price, \$5.00.

## SCYTHE SNATHS



No. 50 Regular Scythe, - - - - \$1.25  
" 100 Bush. - - - - \$1.25

## SCYTHES



Little Giant, Solid Steel, \$1.25 Heavy Bush, - - - \$1.25  
Conqueror, - - - 1.25 Bramble, or Light Bush, 1.25  
Clipper, - - - 1.25

### SCYTHE RIFLES



Meadow King, 10c Farmers' Friend, 10c

### SCYTHE STONES



Crescent, - - - - 10c  
Black Diamond, fine, - - - 15c  
Carborundum, - - - - 25c

### Boothby Toothed Hoe



Price, each, \$1.00

### Arlington Scuffle Hoe



8 in. and 9 in. blades.

Each, \$2.25

### GARDEN HOES



Socket, each, 80c

Shank, each, 75c

### Potato Hooks



4 Tine. Each, 95c  
6 " " \$1.00

### Scuffle Hoe



8 in., 90c

### MANURE FORKS



Each  
4 Tine D handle, \$1.10  
5 " " 1.35  
6 " " 1.55

### SPADING FORKS



4 Tine D handle. Each, \$1.25  
4 Tine long " 1.10

### SHOVELS



D Handle, Square or Round Point.  
Long Handle, Square or Round Point.  
Each, \$1.25, \$1.50 and \$1.75

### SPADES



D Handle. Each \$1.35  
Long " " 1.25  
Ames' Best. " 1.75

### IRON AND STEEL

### GARDEN RAKES



12 tooth, Malleable Iron, 40c  
14 " " 50c  
12 " Steel, 75c  
14 " " 80c  
16 " " 90c

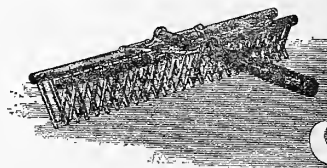
### GIBBS' LAWN RAKE



Made of heavy tinned steel wire. These are excellent for lawn or walk work.

24 tooth. Each, 40c  
36 " " 50c

### Automatic Self-Cleaning Lawn Rake



A backward motion of the operator will clean all the teeth at once, thus avoiding cleaning the teeth with the fingers.

26 teeth, \$1.00  
52 teeth, 1.25

### Wood Lawn Rakes

26 teeth.  
Each, 60c

### HAY FORKS



2 and 3 Tine, 75c to \$1.10  
GRASS HOOKS



Village Boy, each, 50c Meadow King, each, 25c



Border or Edging Knife  
Long handle.  
Each, 95c  
D handle.  
Each, \$1.00



WIRE VEGETABLE SCOOP Price 75c

## STANDARD FLOWER POTS

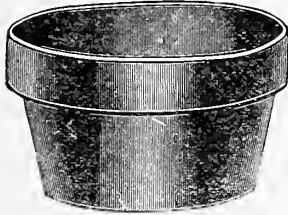


Earthenware					
	Each	Doz.		Each	Doz.
2-inch		\$ .10	8-inch	\$ .20	\$ 1.60
2½ "		.12	9 "	.25	2.50
3 "		.15	10 "	.35	3.25
3½ "	\$ .03	.20	11 "	.50	4.80
4 "	.04	.25	12 "	.70	6.75
5 "	.05	.40	14 "	1.25	11.00
6 "	.07	.65	16 "	2.50	27.00
7 "	.10	1.10	18 "	3.50	
			20 "	4.50	

Inside measurement, width and depth equal.

## FLOWER POT SAUCERS

3-inch	\$ .02 ea.	.12 doz.
3½ "	.02 "	.15 "
4 "	.02 "	.18 "
5 "	.03 "	.25 "
6 "	.04 "	.40 "
7 "	.05 "	.50 "
8 "	.07 "	.75 "
9 "	.08 "	.90 "
10 "	.10 "	1.10 "
11 "	.12 "	1.25 "
12 "	.15 "	1.75 "
14 "	.25 "	3.00 "

BULB PANS  
Earthenware

	Each	Doz.		Each	Doz.
4-inch	\$ .03	\$ .25	8-inch	\$ .15	\$ 1.60
5 "	.04	.45	9 "	.25	2.50
6 "	.06	.65	10 "	.35	3.25
7 "	.10	1.10	12 "	.60	6.75

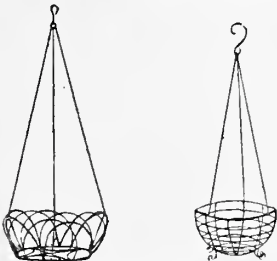
## NEPONSET PAPER FLOWER POTS

The Neponset Paper Flower Pot is a waterproof paper pot made from a tough fibre paper, and is especially adapted to the florist, gardener and nursery trade.



Size	Doz.	100	1000
2½ inch	\$0.06	\$0.35	\$ 2.75
2½ "	.08	.45	3.25
3 "	.10	.55	4.25
3½ "	.12	.70	5.90
4 "	.15	.90	7.25
5 "	.20	1.25	12.00
6 "	.25	1.75	16.00

## WIRE HANGING BASKETS



No. 35. No. 37 Moss Basket

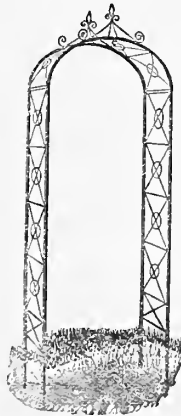
	Each	5 in. across top	Each
5-in. bottom	\$0.30		\$0.30
7- " "	.35	8 "	.35
9- " "	.40		

## RAFFIA



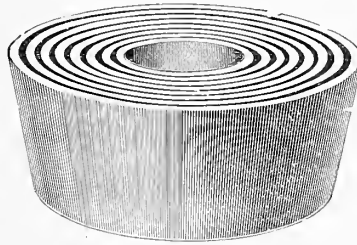
For tying plants.  
Per lb., 50c.

## Garden Arch

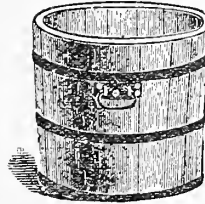


Whole Height	Width	Span	Price each
5 ft. 12 in.	2½ ft.		\$5.00
6 " 12 "	2½ "		5.75
8 " 18 "	4 "		8.00

Made of Steel and Wire.  
Painted green

FERN PANS  
Earthenware

Size	Each	Doz.
4 x 1½ inches	.04	.36
4½ x 2½ "	.05	.50
5½ x 2½ "	.06	.60
6½ x 2½ "	.08	.75
7 x 2½ "	.09	.90
8 x 3½ "	.12	1.20



## OAK PLANT TUBS

Size	Each	Doz.
12 x 11 inches	\$1.65	
14 x 12 "	1.90	
16 x 13 "	2.40	
18 x 15 "	2.70	
20 x 17 "	3.00	
24 x 20 "	3.50	

## VERANDA TRELLISES

Made of Wood and Rattan, painted green

Size	Each	Doz.
2 feet	.65	\$ 7.00
3 "	.75	8.00
4 "	.85	10.00
5 x 1½ "	1.50	15.00
6 x 1½ "	1.65	18.00
7 x 1½ "	2.00	21.00
8 x 1½ "	2.25	24.00
9 x 1½ "	2.50	28.00
10 x 1½ "	2.75	32.00
11 x 1½ "	3.25	36.00
12 x 1½ "	3.50	40.00

## PLANT STICKS

For Greenhouse or Garden use.  
Square. Painted green.

Length	Each	Doz.	100
1½ ft.	\$0.03	\$0.25	\$ 1.50
2 "	.04	.35	2.25
2½ "	.05	.50	3.50
3 "	.07	.75	5.50
3½ "	.08	.85	6.50
4 "	.09	1.00	7.50
5 "	.12	1.30	10.00
6 "	.15	1.60	12.00

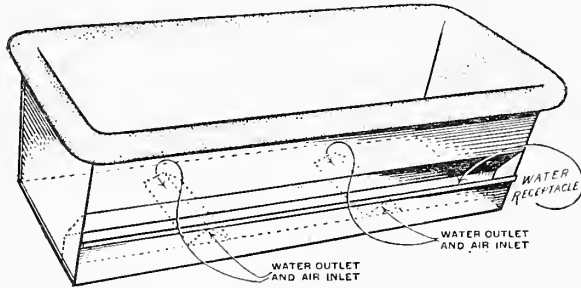
## WOOD DOWEL STAKES

Length	Diam.	Doz.	100
24 inches	½ inch	\$0.20	\$0.60
30 "	¾ "	.25	.70
36 "	1 "	.30	.80



## GALVANIZED STEEL PLANT BOX

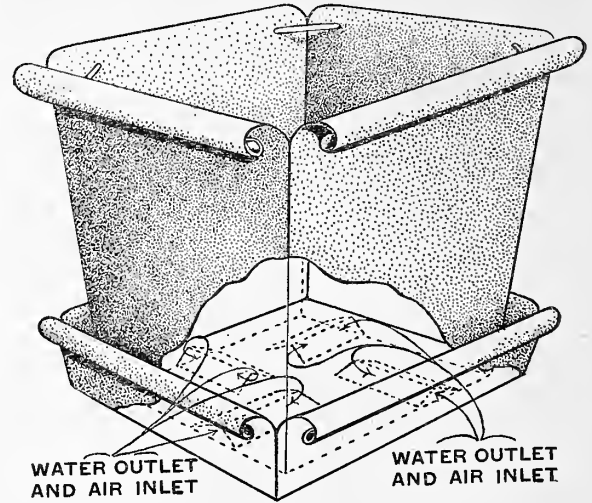
This box has a patented bottom which gives the plants perfect drainage, and at the same time does not leak. The water receptacle runs full length of the box, and gives the roots a plentiful supply of clean water. It is made of strong, galvanized iron, neatly enameled in dark green. Convenient and practical for indoor or outdoor use. No staining of paint or disfiguring in any way.



Length	Width	Depth	Each	Length	Width	Depth	Each
18 in.	8½ in.	6¼ in.	\$1.00	36 in.	8½ in.	6¼ in.	\$2.25
24 "	8½ "	6¼ "	1.10	48 "	8½ "	6¼ "	3.25
30 "	8½ "	6¼ "	1.50				

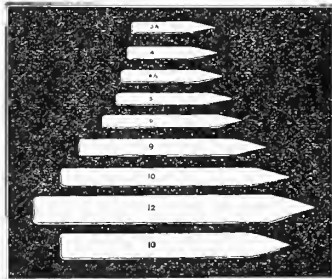
## GALVANIZED STEEL PLANT TUB

Made on the same principle as the Plant Box.



Length	Width	Depth	Price
12 inches	12 inches	8½ inches	\$1.75 each
14 "	14 "	10¼ "	2.25 "
16 "	16 "	12¼ "	2.75 "
18 "	18 "	12¼ "	3.25 "

## WOOD LABELS



		100 Plain	1000 Plain	1000 Painted
4- inch.	Pot Label	\$0.12	\$0.60	\$0.85
4½-	" "	.12	.70	.95
5-	" "	.15	.80	1.10
6-	" "	.15	1.00	1.35
8-	Garden label	.50		4.00
10-	" "	.60		5.20
12-	" "	.75		6.60
3½-	Tree label, copper wired	.20		1.45

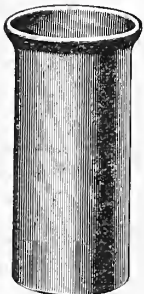
## Jumbo Powder Gun



For applying insect powders on plants. Is 4 inches in diameter, holds about 4 oz. Price, 25c. each. By parcel post, 30c.

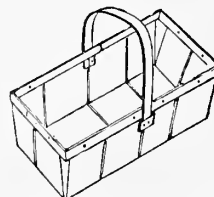
## FIBRE FLORISTS' VASES

For displaying cut flowers



No.	Diam.	Depth	Each	Doz.
0	8 in.	13 in.	\$1.10	\$12.50
1	5½ "	10½ "	1.00	11.00
2	4½ "	9 "	.85	9.60
3	4 "	6½ "	.75	8.00
4	3 "	5 "	.60	6.30
00	9½ "	21 "	4.00	48.00
11	6 "	18 "	1.25	13.60
22	4½ "	15 "	1.00	11.00
33	4 "	12 "	.85	9.60
44	3 "	9 "	.70	8.00

## VERBENA BASKETS



Size—12 inches long, 7 inches wide, 4 inches deep.

Adjustable wooden handles, with tin fastenings on the ends.

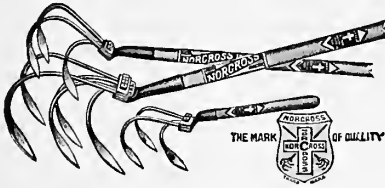
Per 100, \$3.00; per 1,000, \$25.00

Size—10 inches long, 5 inches wide, 3 inches deep.

Adjustable wooden handles, with tin fastenings on the ends. Per 100, \$2.00; per 1,000, \$18.00.

Size—10 inches long, 5 inches wide, 3 inches deep.

Wire handle attached. Per 100, \$2.00; per 1,000, \$18.00.

**NORCROSS CULTIVATOR HOES**

**MIDGET NORCROSS.** Short handle for hand work.

Price, 35c.

**3-PRONG NORCROSS.** Light and can be used by women and children.

Price, 65c.

**5-PRONG NORCROSS.** The standard size. A wonderfully useful tool. Every man with a garden should have one.

Price, \$1.00

**BOUQUET HOLDERS—For Cemetery Use**

Iron. Painted Green

Small—Price, each, 25c.; doz., \$2.50

Med. " " 30c.; " 3.00

Large " " 35c.; " 3.50

Tin, painted green—Price, each, 10c.;

**GRASS SHEARS**

Lightning, 25c.; Sure Clip, 35c. each  
Parcel Post Weight, 1 lb.

**GARDEN TROWELS**

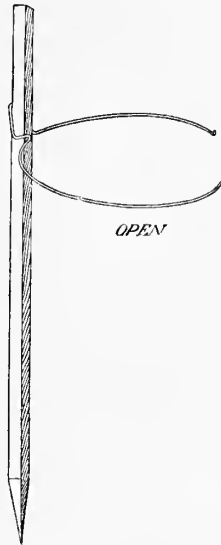
No. 25 Eagle . . . 10c.  
No. 30 Socket Pattern . . . 30c.  
Keystone 6 inch . . . 45c.  
Keystone 7 inch . . . 50c.



Steel Transplanting Fork . . . 40c.  
Iron Transplanting Fork . . . 10c.



Excelsior Weeder . . . 10c.

**"Adjusto" Plant Support**

The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a life time.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses and Dahlias. In fact everything on the lawn or the garden that needs a support.

The stake is made of hard wood having a protecting coat of green paint.

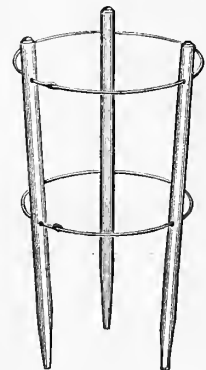
Price, 18c. each; \$1.75 per dozen

**HOTBED MATS**

**STRAW.** Made by hand of rye straw.  
Size 6 x 6 ft., each, \$2.00; 3 x 6 ft., each, \$1.50. Larger quantities, write for prices.

**ASPARAGUS KNIFE**

Made of Solid Steel  
Goodell Double Point. P. P. Weight 1 lb.  
Each, 30c. Price—Per dozen \$3.00

**Folding Tomato Support**

34 inches high. 20 inches in diameter at the top.  
Price—Per dozen \$3.00



Lang Weeder 30c. By Mail 35c.



Haseltine Weeder 25c. By Mail 30c.

PRICES DO NOT INCLUDE POSTAGE OR EXPRESS CHARGES

# Eureka Fruit Jars

## *Points:—*

**Straight Sides**, as large at the mouth as it is at the bottom, making it easy to fill and easy to empty. No dirt collecting shoulder. **Rubber ring** goes on the cover instead of on the jar, so that housewife has cover all ready to put right on the jar when ready to seal.

**Ideal for the Cold Pack Method** and listed as Standard by the United States Department of Agriculture.

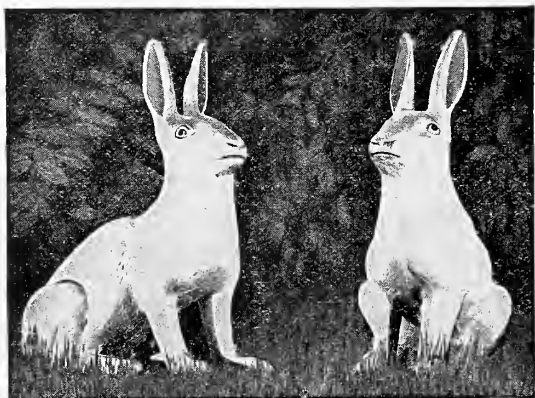
**Simple**, but **sure clamp closure** which is always under your control as to pressure.

Both cover and body made of best white flint glass.

**Whole fruits and vegetables can be easily packed in the Eureka** owing to there being no shoulder.

It is more than a fruit jar for it is good for all kinds of canning, whether fruits, vegetables, fish or meats.

**Write for Prices.**



## BEAUTIFY YOUR LAWN

WITH A PAIR OF

REALISTIC LIFE SIZE

## RABBITS

Beautifully enameled in white with pink eyes and ears.  
Absolutely life like in appearance

**PRICE, \$10.00 PER PAIR**



## Janitors' Sundries

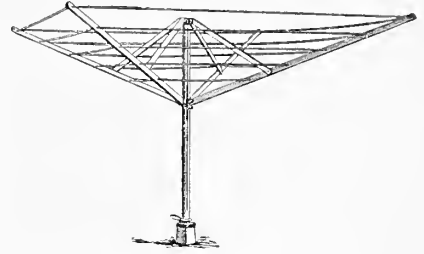
A complete stock of supplies for the janitor or for the household.



### SAFETY RUBBISH BURNERS

Fire and sparks can't blow away and spread with these burners. The punched metal gives enough metal to hold the hot papers and ashes. Enough holes to burn up every bit. An easy way of disposing of rubbish that is always accumulating.

No. 1.	Diam.	12½ in.	Height	21 in.	Price	\$1.50
No. 2.	"	14 "	"	24½ "	"	2.00
No. 3.	"	16½ "	"	27 "	"	2.25
No. 4.	"	19½ "	"	30 "	"	2.50



### OUTDOOR CLOTHES DRYERS

Manilla or cotton line.

120 foot, 4-line. Each, \$4.50. 160 foot, 5-line. Each, \$4.75



#### Brooms

Whisk Brooms

Floor Brushes

Dust Brushes

Furniture Brushes

Radiator Brushes

Scrub Brushes

Window Brushes

#### Nail Brushes

Dustless Mops

Mop Handles

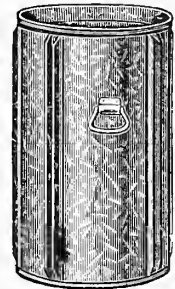
Mop Wringers

Wash Tubs

Clothes Dryers

Clothes Line

Star Fibre Pails



#### Feather Dusters

Woven Down Dusters

Dustless Dusters

Cotton Mops

Dry Mops

#### Chamois Skins

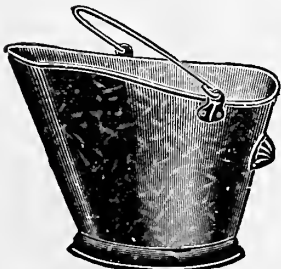
Wooden Pails

Dust Pans

Metal Polish

Liquid Cleaner

Sweeping Compound



#### Baskets for the Office and General Use

Galvanized Iron Pails

Galvanized Iron Garbage Cans

Galvanized Iron Ash Barrels

Wyandotte Detergent

Wyandotte Cleaner and Cleanser



YOUR PATRONAGE OF THIS DEPARTMENT IS SOLICITED

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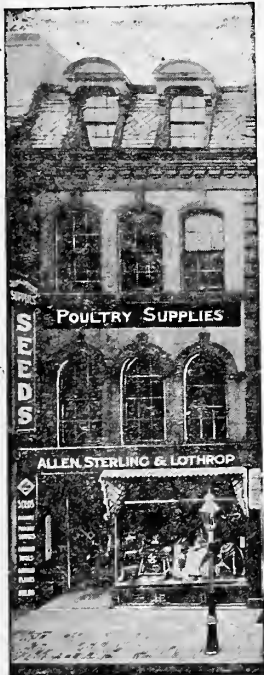
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## Parcel Post Rates

		First Pound	Each Additional Pound	Weight Limit
Portland and Rural Delivery	Local	5c.	$\frac{1}{2}$ c.	50 lbs.
Within 150 miles	Zone 1 and 2	5c.	1c.	50 lbs.
150 to 300 miles	" 3	6c.	2c.	20 lbs.
300 to 600 "	" 4	7c.	4c.	20 lbs.
600 to 1,000 "	" 5	8c.	6c.	20 lbs.
1,000 to 1,400 "	" 6	9c.	8c.	20 lbs.
1,400 to 1,800 "	" 7	11c.	10c.	20 lbs.
1,800 miles and over	" 8	12c.	12c.	20 lbs.



Retail Store and Offices  
49 Exchange Street  
Portland, Me.

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